C Ram Oil Co. State
SW/4-SW/4 Sec 14-Twp 19N-R 268-7 The state of the s s ī

COUNTY Apache		AREA	Pinta	LEASE NO	· State 6063
WELL NAME RAM OIL	COMPANY #1	-14 State			
LOCATION SW/SW ±574/6-L/Jones to ELEV 5760 GR USGS Elev. 5742 G CONTRACTOR	SEC 14	TWP 19	11-12-61	STATUS Plugged	0 FSL & 1320 FWL 7-16-71 TOTAL 5-72 DEPTH 1005 PB 805'
CASING SIZE DEPT	H CEMENT	LINER	SIZE & DE	OPTH DRILLED BY	ROTARY X
41/2 77	73 125	circ.	NA	DRILLED BY	CABLE TOOL
				PRODUCTIVE	CABLE TOOL  RESERVOIR Shinarump 795- 805
		····		INITIAL PRO	DUCTION86 MCF (24 hr) 1"
				chake FTP-	-137 (SWF)
FORMATION TOPS	DEPTHS	L.L.	1	REMARKS	
Shinarump	7751	× · ·			
- Moenkopi	819		<u> </u>		
<u>Coconino</u>	997				
	<del> </del>	<del> </del>			
			<del> </del>		
			<del> </del>	······································	
			++		
	<del>                                     </del>	<del> </del>	<del>  </del>		
ELECTRIC LOGS	, DEI	RFORATED I	NTERVALS	PROD. INTERVALS	SAMPLE LOG ×
GRN; Elec Log.		773-803		773-803	SAMPLE DESCRP. ×
					SAMPLE NO. CORE ANALYSIS
					DSTs
REMARKS NOTE: Ap	ache Dlg. C	o. took ov	er this v	vell 11-12-65.	APP. TO PLUG
Lease being held	by C. T. H	enderson.	Lease exp	oires 3-22-66, exten	ed <sub>PLUGGING</sub> REP. x
to 3-22-69. Cove	ers SW/4 SW/	4 NE/4 & V	N/2 SE/4		COMP. REPORT ×
WATER WELL ACCEPTED	BY				•
BOND CO. Arizona	Helium Corp	. (Princi	oal USF&G		22651-13-955-65
BOND AMT. \$ 25,000	)	CANCELLED	8-5-	DATE 71 ORGANIZATION	N REPORT ×
FILING RECEIPT 9					PLAT BOOK x
API NO. 02-00/-				· · · · · · · · · · · · · · · · · · ·	A11
1	· —				
PERMIT NUMBER	67				
			(over	)	

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DRILL STEM TEST

NO.	FR	ОМ	то	RESULTS						
1	997		1004	0.N. 3370 W x	O.P. 1', ISIP 160.30", Rec. Column of salt water. SWF 795-805.  O.N. 3370 W x 3000 sd, BD-500-300, IR-9,5½ to 7.8% helium.  Lease being held by C. T. Henderson.					
				CORE	RECORD					
NO.	FR	OM	TO	RECOVERY	REMARKS					
	<del> </del>									
		<del></del>	-							
			1							
			1	REMEDI	AL HISTORY					
DATE C	TARTED -	COMPI	FTFD	WORK PERFORMED		NEW PERFORATIONS				
DALE O	TARTED	COLLE	LILO	WORK TERTORIED		MEN LEGIORATIONS				
						<u> </u>				
			-							
					····					
		<u> </u>		<u>l</u>						
				ADDITIONAL	INFORMATION					
<del></del>	<del></del>									
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161 ARIZONA APACHE CO PINTA DOME (D)

PEROLEUM INFORMATION
DENVER CASPER
ROCKY MOUNTAIN
OIL INFORMATION

Twp 19n-26e Section 14 s½ sw 400 n/s 1320 e/w

OPR: Ram Oil
ELEV: 5779 DF OPR: Log-Sifffic \*TOPS:

Shinammp 819 Coconino 1002

DSTS. & CORES:

WELL#: 1 State SPUD: 11-8-61

DST 997-1005, 1 hr, rec full column ef salt wtr, SIP (30 min) 163#.

COMPL: 3-4-62 TD: 1005 814 PB: CSG: 4½" @ 795 w/87

PERF. 775-85 w/4 per ft. 798-810 w/4 per ft; (open hole). Flowed gas @ rate of 25-50 MCFGPD (5.5% helium); sd wtr fract.

PROD. ZONE: Moenkopi 775-814

PROD: 1PF 800 MCFGPD, 1" ck, TP 147# (7.8% helium) INIT. PROD:

Contr: Own

No cores.

A1-268020

\*For Electric Logs on Rocky Mountain Wells-Ask Us! or hand to be distant

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Name (El Wast	· · · · · · · · · · · · · · · · · · ·		DESI		ame		Different [	<b>¬</b>	□ ~	Dry
New Work Well X Over		Deepe	n 🔲 Back	L R	eservoi	ir [	Reservoir L	_l oii	Gas	ייי ייי
			DES	CRIPTION		ELL AND I	518 N. 24	4h S+	<u> </u>	
Operator	<b>a</b> .						hoenix.			
Ram Oil Lease Name	Co.	<del> </del>			<del>-   \</del>	Well Numbe		Reservo	ir	
State			**		Ì	1-14	₩. (		glomerate	
Location								Sec	TWP-Range	or Block & Sur
1320 FWL	& 500¹	FSL S	ec 14-19N-2	6E -	· .					
County		Permit r		Date 1ss	_		Previous p	ermit nu	mber   Date I	ssuea
Apache		167			1-61	d, ready to	Elevation		l Elevati	lon of casing
Date spudded			tal depth reached	produce 3-	mpietec	a, ready to	(DF-RKE	-RF or 6		
11-12-61	- <u> </u>	11-2 P.B.T.D				triple comp			is is a dual or t	
Total depth 1005			)4	~		ingle		furn pleti	ish separate rep on.	ort for each co
Producing interval	(s) for th						s used (inter	al)	Cable tools us	
773-803				=		0-100				
Was this well dire	ctionally o	irilled? V	Was directional s	urvey made	2	Was copy o	f directional s	urvey	Date filed	
no		1	no -						1	
Type of electrical	or other	logs run	(check logs filed	with the co	mmiss	ion)			Date filed	
Gamm	a Ray-	Neutro	on -			PEOCODE	····		6 3-8-62	
			11 3			RECORD	etc )		<del></del>	
Casing (report all			<del></del>			(ib./ft.)	Depth set	5	Sacks cement	Amt. pull
Purpose	Size n	ole drilled	Size casing							<u> </u>
casing	6.3	1/4	4 글	9	•5#_		773	_1	<u>25 circula</u>	red
	<u> </u>	<u>-</u>				<u> </u>				-
	1					<u>i</u> _	LINES	RECORI	D -	<u> </u>
<u> </u>	UBING R		Packer set/at-	Size D	- 1	Тор	Bottor		Sacks cement	Screen (ft
1 1	Depth set	ft.	766 ft.		in.		ft.	ft	· l	
2 3/8 in.	770 PERE		N RECORD			ACID		CTURE,	CEMENT SQU	EEZE RECOR
Number per ft.		type	Depth I	interval		Am't. &	kind of mate	rial used	Der	oth Interval
		<b>-</b>  -	-22			Com 3 F	rac. 30s		773-80	3
open hole	comp1	•	773 <u>=</u> 803	<u></u>		1	al wtr	<u> </u>	1,0-00	<u>- <del>-</del> -</u> -
			<del> </del>	INITI	AL PR	ODUCTION			_ <del>`</del>	
Date of first pro-	iuction	1	Producing metho					_if pump	ing, show size (	& type of pump
l mac mac mac		1	Flowing							
Date of test   H	rs. tested pen 24		ke size   Oil	prod. during	z test		during test		prod. during tes	
3-5-62 g	pen 24 i 3 hr		orifice		bbls.	86	MCF	tre		
Tubing pressurt		<u></u>	e Cal'ted rate duction per	of Pro- O	il		Gas	1	Vater	Gas-oil ra
135# in 3	hrs	PKR.				bbls.	86	MCF	trace bbis	<u> </u>
Disposition of gas	s (state w		ented, used for fu			_ •				
Sh	ut in	waiti	ng for pipe	line c	onne	ction				w
ריבטידוביני איזי. ז	. the undo	rsigned. :	inder the penalty o	of periury, st	ate tha	at I am the.	Geolog	ist		,
CERTIFICATE: 1										
	1. Co.		rvieion and direction	isqmoo)	ny), an	id that I am	authorized by ein are true. c	said comp prrect and	pany to make this complete to the l	s report; and the best of my know
Ram Oi	nea Audel	ira sube	raivit and unerth	ter mount olice p						-
Rem Oi										
Rem Oi									,	
Rem Oi report was prepa							Joe B	Pa	it f	
report was prepa		_				/	Signature	Mala	7.4.6%	
report was prepared to the second sec	5, 196	2		· · · · · · · · · · · · · · · · · · ·			<del>-</del>			
report was prepa	5, 196	2				7	CALTA.	TA TO	170NIA 011 •	CAS
report was prepared to the second sec	5, 196	2				1	CON	SERVAT	IZONA OIL & ION COMMISS	SION
report was prepared to the second sec	5, 196	2				We	CON	SERVATI or Recor	ION COMMISS mpletion Report	SION
report was prepared to the second sec	5 <b>, 196</b>	2				We Form N	CON:	SERVATI or Recor	ION COMMISS	SION
report was prepared to the second sec	5, 196	2				Form N	CON: ell Completion fo. P-7 zed by Order	SERVAT or Recor File	ION COMMISS mpletion Report	SION

THE STREET STREET

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		ETAIL OF FO	ORMATIONS PENETRATED **
Formation	Тор	Bottom	Description*
7. m. 7.1		20	Dod our state
Sur. Fill Chinle	0	37 50	Red sur. clay & sh.
	37		Tan to wh. fn. gr. silty sd. and sh.
er d'	50	. 90	-I Pink to buff var. sh.
	90	125	Tan to buff var. sh.
	125	245	Pink, bluish gr., & tan to buff sh.
Ţ	245	0 400	Tan-to buff sh. w/strks blue sh.
	400	465	Pink & gray sh. w/slty. strks.
	465	505 Of -	Tan to buff sh. w/strks. pink sh.
	505	570	Pink, red & purple sh.
	-570	600	Red & purple sh w/green waxy sh.
	600	660	as above w/no green sh.
Sertion.	660 pprás 381	735	Pink to buff sh w/silty strks.
	735	773	hd. dk. gray micaceous sd.
Basl chinle or shinarump	773	804	Med. to orse gr. congl. sd.
congl. moenkopi	804	995	Brick red to purple stky sh.
Coconino sdar.			Med, to orse gr. por tan to brn. sd.
			nere i nimo∮"
	१ ६ वह	-	auch id imma antiided ai chee bebel ling.
	ಾಂಚರೆ	\$14G	106 11 0 20 0 0 0
			matormo i di ma uni patitini ni valu
	j	(00), <b>0</b> ,1 01	
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<sup>\*</sup> Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

#### ${\bf INSTRUCTIONS};$

Attach drillers log or other acceptablee log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. P-7

The state of the s

			PLUGGING	RECORD	( )		
perator	11-1' (	ن 		Address			
AVIZ ederal, State, or	Indian Lease Numb	er J	(C) Well	No.   Field & Res	servoir		
lessor's name i	<u> 19200 (V) I</u>	(6) 210	re 1/-/	<u> </u>	ec-Twp-Rge or B	lock & Survey	Apache
ラル/シル pplication to dr	JEC 14 ill this well was filed	7/9/1-1 1 Has	this well ever	Character of well		itial production	m):
name of	7/00	proc	luced oil or gas	Oil (bbls/day)	Gas (M	(CF/day)	Dry?
ate plugged:	. / 50	Tota	al depth	Amount well prod Oil (bbls/day)	Gas (N	ged: ICF/day)	Water (bbls/day)
7-16-	71			Depth interval of	each formation	Size, kind &	depth of plugs used
ame of each for ining oil or gas thich formation ore at time of p	s. Indicate copen to well-	Fluid content of	each formation	Depth interval of		Indicate zor giving amou	ies squeeze cemented.
Shinar	(M)			804-7	\$ 804	3050	· 15 - 804 to 50
Coconi	NO			1005		<u> </u>	
						SEKTO	Plus
						Front	CO HOU
		1	a.m.	RECORD	<del></del>	1	
Size pipe	Put in well (ft.)	Pulied out (ft.)	Left in well (ft.)	Give depth and method of parting		Packers and	shoes
				casing (shot, ripped, etc.)			
4/2"	775	NONE	795				
7							
				<u> </u>		<del></del>	
		<u> </u>		<u> </u>			
Was wall 6	lled with mud-laden	fluid, according 1	o regulations?	Indicate deepest f	 formation contain	ning fresh wate	er.
					OUNTERS OF T	TIP CUDEACE	
Name	NAMES AND	ADDRESSES OF Address	ADJACENT LEAS	E OPERATORS OR		tion from this	
In addition to plugging opera letter from su ging which mi	other information r ations to base of fre rface owner authori ght be required.	equired on this f ish water sand, r izing completion	orm, if this well waterforated interval of this well as a water	as plugged back for to fresh water san rater well and agre	use as a fresh vid, name and a eeing to assume	vater well, giv ddress of sur full liability fo	e all pertinent details face owner, and atta or any subsequent plu
Use reverse sie	de for additional det	ail.					
			N	a that I am the A	marto	/ HODVE	sentative on
1) soals	E: I, the undersigne		(-aaa) an	d that I am authori	ized by said com	nany to make	this report: and that t
report was pre	epared under my sup	ervision and direc	tion and that the fac	cts stated therein ar	e true, correct an	d complete to t	the best of my knowled
Date	-4-71			Signatur	Hend	usor	<u> </u>
		R	ECEIVED	OII	. & GAS CONS		NA COMMISSION
	167		UG 4 1971	Form No. 10		igging Record ile One Copy	
Permit No.			G CONS. COMM			<del> </del>	

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APPLICATION TO ABANDON AND PEG RAM OIL CO. #148THTE Federal, State, or Indian Lease Number TOTAL DEPTH 820 ALLOWABLE (If Assigned) LAST PRODUCTION TEST ARUMA · Cased to 796 ft. Open Sole Completion 4/20D \$55 Cemental from Bottom up to 150 A Bove Production Fore. Fill with mud to within 20 ft. Surface. Thy and Cornert to surface. Install Dry Hole, marker. July 10.1971 NAME OF PERSON DOING WORK. - Signature RECEIVED Title JUL 0 9 19/1 Address Date 0 & G CONS, COMM STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Date Approved STATE OF ARIZONA Application to Abandon and Plug ERVATION COMMISSION File Two Copies Form No. 9

Permit No

Andrew Street

(10) 14-19N-26E 1320'FWL-550'FSL Rem Oil Company WILDCAT, Pinta Dome Area; proposed Coconino test; C/Scott Bros; elev 5776'GL; 1005'; PBTD 804'; 795' of 4 1/2" csg w/50 sx; 770' of 2 3/6' tubing, comp op hole 773-803'; frac w/30 sac sand; IP 86 MCFPD; SI/Helium well.

### RAM OIL COMPLETES HELIUM DISCOVERY

3-162

Oil Company has officially announced the completion of their No. 1 State, loss in Section 14, Township 19 North, Range 26 East. Completion was made in one of at a depth interval of 773-803 feet. Initial potential tests gave the will a total volume of 86 MCF of gas per day. Production tubing has been run to pth of 770 feet. A total depth of 1005 feet was reached in drilling and placed back to 804 feet.

he new well is situated one and half miles south of Eastern Petroleum's State to. 1-10 in the Pinta Dome Helium Field, Apache County.

P.I. cand

04# 167

TOPS!

shin. 819

Lo 6 1002 - 4774

completed 773-803 acci to above

P.I. rand says: prod. 2 me Moentopi 775-814 The is above their shin, to P!

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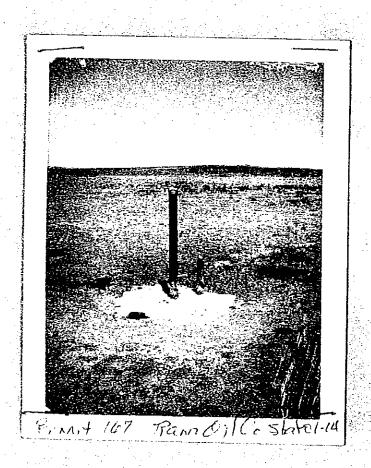
Letter from Rob M. Collier
Acting Chief
Western Mapping Center
Topographic Div.
345 Middlefield Rd.
Menlo Park, Calif. 94025
Dated: October 3, 1974

## NAVAJO SPRINGS

			_		:
	,	Elevations	Differ-	• •	:
	<u>  Well</u>	Photog. Bull.185		<u>Remarks</u>	
	Eastern 21 (234)	<u>5853</u> 5832	-21	Well identified at end of road on photo.	:
ok →	Western (552)   Endian 20n-20e-30	5818 gl 5800	-18	Bulletin 185 position would place well on opposite side of road.	:
	CREST 47/ 1 Santa Fe  Eastern 2 (547)  900-17e - 25  600FS- 600 FEL	5821 5820	,	Image on photo at end of road and pipe line.	:
		HTUO2 OLAVAN			
	Kerr-McGee 2 (39)	± 5668* 5662 90		Well identified at end of road.	į
	Kerr-McGee (36)	± (5779*GZ 57X2 g?	-7	Well identified at end of road.	
•	Kerr-McGee (10) 200-26c 33 30-56-230-56L	± 5743* 574346	0 (88	Well identified at U-bend in road.	
:	Linehan (136) 2001-200-21 33015-231	5600 £ 5600 £	-5	1500 feet from BM.	
	Kerr-McGee (37) 19n-24e-4 231c FSL- 1650 FEL	± 5770* \$753	-17	Well identified at end of road,	
	Kerr-McGee 1 (167) 199-268-19 500FSL-1320 FWL	± 5741* J 5760	+19	Located in a small clear- ing 350 feet off road.	-
	Kerr-McGee 1A (177) 1911-26e-14 500 FSZ-1290 FWL	Not 5776 Plotted 5738,		This point is 100 feet down slope from 167 yet elevation indicates it	
1	* Interpolated		•	is higher.	

The "Remarks" column gives justification for our confidence in the fieldman's location of the wells.

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7-29-71

May 20, 1971

Memo from W. E. Allen

Memo to Files: #167 #319 #318 #322 #341 #353 #355 #346

Mr. Callen with U.S.P. & G. was in the office this date. He said that his company plans to contact the indemnitors in an effort to have them plug the subject wells. Should they fail to agree to plug the wells, U.S.F.&G. will proceed to plug the wells and then seek redress from the indemnitors through legal action.

April 9, 1971

Memo from W. E. Allen Memo to:

Ram Oil Company State #1-14 SW/4 SW/4 Sec. 14-T19N-R26E Apache County Our File #167

Apache Drilling #1 State NE/4 SE/4 Sec. 22-T19N-R26E Apache County Our File #319

Apache Drilling #3 Spurlock-Wetzler Fee SE/4 NW/4 Sec. 25-T18N-R26E Apache County Our File #341 Apache Drilling #1 Spurlock SW/4 NE/4 Sec. 23-T19N-R26E Apache County Our File #318

Apache Drilling #2 Spurlock-Wetzler Fee NE/4 SE/4 Sec. 27-T18N-R26E Apache County Our File #322

Apache Drilling #1-22 State NW/4 SE/4 Sec. 22-T19N-R26E Apache County Our File #346

Apache Drilling #13 Spurlock Wetzler Fee SW/4 NE/4 Sec. 13-T18N-R26E Apache County Our File #355

The week of March 28 Mr. Abrams was in the office to discuss Arizona Helium's problems in general and the plugging of their various wells in particular. Abrams advised John and myself that it had been officially decided to liquidate any and all of Arizona Helium's assets, that they had no money for plugging the wells, and that apparently it would be necessary for the Commission to go against the bonding company in order to plug these wells. Mr. Abrams did ask for additional time before the bonding company was informed that they would definitely have to plug the subject wells. We agreed not to push the plugging of these wells for the time being.

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February 12, 1971

Memo from W. E. Allen, Director Enforcement Section

Memo to: Ram Oil Company State #1-14 SW/4 SW/4 Sec. 14-T19N-R26E Apache County Our File #167

Mr. Fritz Ryan called regarding our letter dated February 10, 1971. He was going to discuss the referenced well with Mr. Lassen; however, he was reasonably sure that this office would be given the go ahead to plug this well under Arizona Helium Corporation's bond.

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February 11, 1971

From W. E. Allen
Memo to:
Apache Drilling Company Files: #167
318
319
322
355
341
346
353

I met with Mr. Abrahms, the receiver for Arizona Helium Corporation to discuss the wells drilled by Apache Drilling Company and Arizona Helium Corporation and to attempt to secure additional information for our files. Mr. Abrahms was unable to supply any information that we did not have already in our possession. He had no knowledge of the status of any of the wells. He was of the opinion that Tom Hashem had worked out a deal for Eastern Petroleum to plug the subject wells. Abrahms disclaimed any knowledge of the details of this arrangement; and, Mr. Hashem said that there was no monetary arrangements, Eastern just agreed to plug them. If this is the case Eastern would probably end up with the salvage from the plugged wells.

RER

Abrahms was informed that these wells were still under bond; and, that if it was necessary, ken the Commission could demand the bonding company to plug out the wells. He had the opinion that the bond had been cancelled. I explained to him that this was impossible without approval of the Commission. He was sure that no premium had been paid since Arizona Helium Corporation went into receivership. When Western Helium leased the plant at Navajo from Arizona Helium Corporation the lease was for one year with the provision that if the trial operation proved profitable, Western and Arizona Helium would enter into merger negotiations. Western has an excape clause to enable them to drop the lease prior to its expiration date. Abrahms tells me that Western has notified him that they do not intend to renew the lease. The expiration date is May, 1971. Abrahms further informed me that in order to put the plant into suitable operating condition, an investment of some \$250,000 would be required.

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December 11, 1969

Memo to File #167
Ram Oil Company #1-14 State
T19N, R26E, G & SRM
Sec. 14: SW/4 SW/4
Apache County

Talked with the land department this date and they inform us that the lease (State 6063) on the captioned well was owned by C. T. Henderson, who transferred the lease to Arizona Helium Corporation. The lease expired on 3-22-69 of this year and was not renewed so there is no lease on this well at the present time.

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RAM OIL #1, STATE, SW/4 SEc. 14 T19N-R26E, Pinta Dome Field 1P 86,000 CFGPD from shinarump at 773-803. Shut in Helium Well. Apache County /0-1962

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FRACTURING SERVICE TREATING REPORT Altoch To Ticket No. FS 231226 Halliberton District FARMINGTON, N.MEX. Stage No. HALLIBURTON COMPANY Halliburton Division LUBBOCK, TEXAS State Arizona See. 14 Twp.19N Rng. 26E County Apache PLK Field WILDCAT THE FOLLOWING INFORMATION WAS FURNISHED BY THE WELL OWNER OR HIS AGENT: \_Formation\_\_SHINARUMP Prev. Treat: Date\_ Fluid: Gal.\_\_ WI. 9.5 Pres. Treat: Interval: From 795 Tubing: Size 2 E RVR Depth 792 \_Shots/F1. Packer: Type R=3 Set at Max. Allowable Pres.: PSI: Tubing 2500 Casing Shets/Ft., \_Shah/ft. 3 7/8 From\_ Treat Thru: Tubing Annulus Casing Tubing/Annulus WATER FRAC TREATMENT SUMMARY Hyd. HP Available\_\_\_ Fluid.\_\_\_ Pumps On Tubing\_ Fluid Source\_ AVERAGE RATES-BPM Viscosity
1b. 3,000 Treating 9.1 Displ. 12 \_Sock 🔲 Bulk 🔼 Sand: Grade... PRESSURES-PSI Sock Bulk 🔲 Sandt Grude, 500-300 Surfactant: Type. Acid: Type\_ fluid Loss Add.: Type Perfpac Balls: Type, \_\_Breakdown: Bbl. Gal.\_ Load: #bl. Gal. Gal. lb.. Blocking Agent: Type, \_\_Displ.: Bbl. Gal.\_\_<u>320</u> Treatment: Bbl. Gal., \_Gol. lb.\_ Gelling Agent: Type. Steeker: Type 8 1 % Cal Choloride Got. Lb. 800 Total: Bbl. Gal. TREATING LOG PRESSURE—PSI REMARKS RATE PUMPS Operation or Amt. and Type Fluid Fumped TIME 3000 TESTED LINES 500 to 300 10:14 BREAKING DOWN 750 8 STARTED SAND AT 1/2 10:57 800 8 INCREASED SAND TO 1 10:59 ከተማወ 11:00 FRACING\_ 11:25 11:02 FRACINO 11:25 12 11:03 INCREASED TO I 11,25 STARTED FLUSH 12 11:0430 11,25 COMPLETED JOB 11:05 250 INSTAND SHUTDOWN <u>50</u> 5 MIN READING

Holliburton Operator /s/ Premo N. Carminati

ORIGINAL MUST ACCOMPANY TICKET

PRINTED IN U.S.A.

/s/ Jos B. Barrett

Copies Requested

Company Representative.

0.000

TRANSPORT

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HA-1 Revised 6-26-58

REPORT OF ANALYSIS

State Arizona	F.S. No	8583		<del></del>	
County Apache	Field Pin	nta Out	post		<del></del>
Well Owner Ram Oil Company	Name !				
Location: Sec. 14 T. 19 N R. 261	E Date Complete		<b>7</b> -5-62		
Open Flow MCF/D 150 HOF	Wellhead Press	sure p.	s.i.g. <u>le4</u>	: lbs.	· ·
Producing Stratum:					
Depth to (feet): 773	Thickness (fee	et):	30	· <u>-</u>	
Stratigraphic Position of Producing Formation	1	nu.1	<u>e</u>		
		······································			
Sampled: Date: 0-10-0					
Mass Spectrometer Run No. 6340	Date of Run	6-21-	62		
Analysis:					
Methane Trace % Normal Penta	ne 0.0	7.	0xygen	Trace	7.
Ethane 0.0 % Isopentane	0.0		Argon	0,4	7.
Propane 0.0 % Cyclopentane	e0.0	%	Helium	5.56	
Normal Butane 0.0 % Hexames Plus	0.0	%	Hydrogen_	0.0	
Isobutane 0.0 % Nitrogen	93,9		H <sub>2</sub> S	0.0	7.
			co <sub>2</sub>	0.1	%
Calculated gross B. t. u./cu. ft., dry at 600	or, and 30" mercur	у	0.0	Total	
CHECK OF DATA: The well data are accurate: (x) Without correction	( ) As co	rrecte	d above	ngapan arang ang ang ang ang ang ang ang ang ang	
PERMISSION FOR PUBLICATION:  Permission is hereby granted for the Buttogether with similar data released by other on analyses of gases from various fields, sta	operators, as par				
	Company / RAY	OTIL COM	PARY		
Form 10433	By Live	it	1. 6. m	<del></del>	
Ctev. 7-13-49		eral Ma	naser		
	11116	··		<del></del>	

18.92 PAY THIS AMOUNT TOTAL RECEIPT - PAYEE 200 SS 3 STATE OF ARIZONA
STATE CHILD DEPARTMENT
STATE OFFICE BUILDING
PHOENIX, ARIZONA 017183 - --TOTAL IF PAYMENT IS MADE ON OR BEFORE THIS DATE THE SIDE FOR (INTEREST CHARGE ON DELINQUENT CERTIFICATE OF PURCHASE PAYMENTS

AMOUNT SUBJECT TO ADDITIONAL CHARGES IF NOT PAID ON OR BEFORE DUE DATE.

5% PENALTY OF RENTAL — 5% INTEREST OF INSTALLMENT STATE (A) (B) (N) TOTAL AMOUNT DUE INCLUDING PENALTY AND INTEREST CASH RECEIVED DATE DUE 100000 AND PENALTY - NUMBER OF DAYS DELINQUENT 10% INTEREST PER ANNUM ON RENTAL AMOUNT TOTAL RENTAL AMOUNT PLUS PENALT Shoemaker, Paul & Nuth

c/o c. T. Nenderson, Asty.-in-Fact MAR-27-62

3311 A. Camelback Fd.

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STATE OF ARIZONA
STATE LAND DEPARTMENT
STATE OFFICE BUILDING — PHOENIX, ARIZONA RECEIPT - PAYEE г

RECEIPT - PAYEE	RHTM LEASE - REFERENCE NO.	S AMOUNT	88	230-50			<i>-</i>			TOTAL AMOUNT	00 000	PAY THIS AMOU
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TO CANADA	A Jacob	GRANT STATE STATE	Î.Î.Î.	70 000 111						1 5	S CNPAID BALANCE	

RENTAL AMOUNT SUBJECT TO PENALTY AND INTEREST IF NOT PAID ON OR BEFORE DATE DUE

PENALTY AND INTEREST DISTRIBUTION

TOTAL PENALTY AND INTE 5% PENALTY OF RENTAL AMOUNT

107AL RENTAL AMOUNT PLUS PENALTY

10% INTEREST PER ANNUM OF RENTAL AMOUNT

AND PENALTY—NUMBER OF DAYS DELINQUENT ( ) \$

107AL AMOUNT DUE INCLUDING PENALTY AND INTEREST

CASH RECEIVED

BALANCE DUE OR OVERPAYMENT

> 167 #

u2.01 PENALTY & INTEREST PAY THIS AMOUNT TOTAL RECEIPT - PAYEE 1 2 200 2 <u>:</u> Ö STATE OF ARIZONA
STATE LAND DEPARTMENT
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PHOENIX, ARIZONA #17182 -3. -33 --4 TOTAL STHER SIDE FOR LAW PERTAINING TO PENALTY AND INTEREST OF PURCHASE PAYMENTS

AMOUNT SUBJECT TO ADDITIONAL CHARGES IF NOT PAID ON OR BEFORE DUE-DATE.

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TOTAL RENTAL AMOUNT PLUS PENALTY

TOTAL RENTAL AMOUNT PLUS PENALTY

TOTAL RENTAL AMOUNT PLUS PENALTY Ġ AND PENALTY — NUMBER OF DAYS DELINGUENT TOTAL AMOUNT DUE INCLUDING PENALTY AND INTEREST DATE DUE 100089 7,F 10% INTEREST PER ANNUM ON RENTAL AMOUNT Shoomnker, Paul & Edin by S. P. Shoomnker, Paul & Edin by S. P. Shoomson Shooms 3311 %. Camelback Wd. Noord. Noord. 17, wrisons Karkerreckink LING DESCRIPT **元** [5] DATE BILLED MO. DAY YR. CASH RECEIVED
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CAPACITY CAND CROP WATER ^ O OISTRIBUTION : C. 2-7- 030 05 8 CERTIFICATE OF PURCHASE
S UNPAID BALANCE ACCOUNT NO. 3 • 🕢

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TOTAL PENALTY & INTEREST STATE OF ARIZONA
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FHOENIX, ARIZONA PAY THIS AMOUNT TOTAL RECEIPT - PAYEE ACRES -ਜੂ-≪∤ TOTAL STHER SIDE FOR INTEREST CHARGE ON DELINQUENT CERTIFICATE OF PURCHASE PAYMENTS

AMOUNT SUBJECT TO ADDITIONAL CHARGES IF NOT PAID ON OR BEFORE DUE DATE.

SW PENALTY OF RENTAL — SW INTEREST OF INSTALLMENT

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AND PENALTY — NUMBER OF DAYS DELINQUENT 100 PM TOTAL AMOUNT DUE INCLUDING PENALTY AND INTEREST CASH RECEIVED

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STATE LAND DEPARTMENT
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PHOENIX, ARIZONA e-17185 TOTAL ACRES THER SIDE FOR INTEREST CHARGE ON DELINQUENT GERTPICATE OF PURCHASE PAYMENTS

THER SIDE FOR LAW PERTAINING TO PENALTY AND INTEREST ON RENTAL -A.R.S. 60. 37-285.

AMOUNT SUBJECT TO ADDITIONAL CHARGES IF NOT PAID ON OR BEFORE DUE DATE.

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ठ ANALYSIS WAS MADE BY A RECKMAN GAS CHRONOGRAPH
IN KERR MOGEE LAB, INNAVAJO JAN 11,1962

X 5 0 INSTRUMENT SIGNED
BY RICHARD OTTO \$AMPLE)
WILLIAM THACKER(TECHNICIAN) O SAMPLE

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ANSAS BLUE PRINT CO. INC. Township 19N, Range 26 E, County apache Island Township Plat

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Section (Company)

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## RAM OIL COMPANY

3518 N. 20th Street

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#### PAGE ONE

DIARY RAM OIL COMPANY STATE NO. 1-14 PERMIT NO. 167. 500' HSL & 1320' EWI SECTION 14, T19N-R26E Apache County, Arizona.

DRILLING CONTRACTOR- SCOTT BROS. ALBUQUERQUE, NEW MEXICO. GROUND ELEVATION- 5760

FRIDAY NOVEMBER 10, 1961
Spudded in at 4:00 P.M. Drilled all night with dull bit.

Drilled some, but waited on bits most of day and night.

Ordered 800' of 4±" casing, shoe, cement, and misc. supplies from Farmington, N.M. (See invoice 5235-51150 National Supply)

SUNDAY NOVEMBER 12, 1961

26 joints of 4½ pipe and supplies arrived at location about 11:00 A.M. Drilled all day until 5:00P.M. with dull bit. Scott dropped two bits from airplane about 5:00 P.M. Came out of hole to put on new bit at 525. Drilled on to conglomerate. Topped conglomerate at 675 at 10:00 P.M. Drilled or balance of night at about 20 per hour. Made two round trips to change bits.

MONDAY NOVEMBER 13, 1961 Went to bottom of conglomerate section at 5:00 A.M. Depth of 7951. Blizzard was in progress, but circulation pit showed signs of gas bubbles. Mr. Henderson told driller to stop drilling at 807' and to circulate. Drove to town and checked samples with Joe Barrett, geologist for Armour Properties, and from samples it appeared the best place to set the shoe was at 795. Went back to location and found drilling crew had all gone to sleep and had allowed the kelly to drill to the top of soline. This made the bottom of the hole 817'. Circulated 3 hours and came out of hole. Started float shoe and  $4\frac{1}{2}$  pipe in hole at 12:00 noon. Float shoe was set at 795' SIM. Pumped 50 sacks of cement to set pipe and put  $4\frac{1}{2}$ " valve on top joint of casing, then connected valve to kelly, pumped casing full of water, closed valve and left hanging in derrick for cement to set at 5:00 P.M. Rig time started at this time, \$20.00 per hour. Ordered air compressor to test conglomerate with air.

THE STREET STREET

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3518 N. 24th Street

PAGE TWO

RAM OIL COMPANY STATE NO. 1-14 CONTINUED

TUESDAY NOVEMBER 14, 1961

No work, letting pipe set and waiting on air compressor.

Wednesday November 15, 1961

Hired welder to cut off extra lenght of pipe hanging in derrick and nipple up from ground level. Hard freeze had caused valve to break but pipe had already set and did not settle. Compressor arrived(Chicago Pnumatic 660) about 4:00 P.M. Started rigging up to blow hole dry at 6:00 P.M. Blew hole dry and drilled plug with air, then started testing conglomerate. Got several small shows of gas, but cuttings were cement. Evidently formation had taken mud and allowed cement to go to bottom of hole(81?). Drilled on air to a depth of 824 and had another show of gas. Came out of hole and put on pressure gauge. Let set for 3 hours but hole did not show any pressure. Samples showed that we had drilled out of conglomerate and into the moenkopi at 820.

THURSDAY NOVEMBER 16, 1961

Started to drill on to coconino with air. Hit a seep of water at 837' and air would not clear hole. Had to go back to circulation. Drilled all night, very firm. Rock bits would gum up. Best results were obtained using a drag bit.

FRIDAY NOVEMBER 17, 1961

Topped a sand formation at 975' at 8:33 A.M. and started to circulate. Ordered tubing, subs, valve, and packer. Tried to dry hole with air, but could not clear below 795' (bottom of  $4\frac{1}{2}$ " pipe). Went back to cleaning hole with circulation mud. Scott agreed there would be no rig time charged until packer and tubing arrived.

SATURDAY NOVEMBER 18, 1961

Waiting on packer and tubing. Scott moved water truck, drill pipe, and other equipment to Armour Properties location.

SUNDAY NOVEMBER 19, 1961
Waiting on packer and tubing.



3518 N. 24th Street

STREETS .

PAGE THREE

RAM OIL COMPANY STATE NO 1-14 CONTINUED

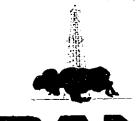
MONDAY NOVEMBER 20, 1961

Met packer at Gallup, N.M. at 10:30 A.M. Tubing went on to location. Had packer milled to 3-7/8""x2-3/8"x20". Tubing got to rig at 1:00 P.M. Driller moved back to location and started back in hole at 1:00 P.M., but did not measure drill pipe. Started out of hole to strap pipe at 6:20 P.M. and found bottom of was 988.25' slm. Started back in hole at 8:00 P.M. Touched bottom at 9:00 P.M. and with mud visc. at 40 started circulating. Went to dinner, got back to rig at 11:20 P.M. Driller had drilled to 991.52 SLM and was circulating.

TUESDAY NOVEMBER 21,1961

Began drilling again at 12:50 A.M. Topped coconino sand at 997' SIM, drilled on to a T.D. of 1005.3' SIM. Circulated and came out of hole at 4:00 A.M. Century Geological Surveys Gamma Ray Logger arrived and started in hole at 4:40 A.M. with mud visc. 70. Finished test at 5:45 A.M. Log verified top of coconino at 997' and T.D. of 1005.3'. Started 6.68' perforated nipple and 3.65' packer w/20" element, 981.71' SIM 2-3/8" tubing, 8' sub, 6' sub, 2' sub, And 4' sub into hole at 6:00 A.M. for drill stem test. Set packer and had a show of gas. Started swabbing at 1:45 P.M. Swabbed salt water until 4:00 P.M. Shut down operation until Monday, November 27, 1961.

Larry W. Vernon



# OIL COMPANY

5146 NORTH ELEVENTH AVENUE • SUITE 109 • PHOENIX, ARIZONA • PHONE AMherst 5-5071

D&W Drilling Company of Grants New Mexico, Phone AT 7-4447 Nov.28,1961 -8hrs moving to location .

Nov. 29

1 1.2.2.2.2.2

Started rigging up at 8 0 clock

Mr Henderson and I went and got fittings form Scotts yard.

Pulled this equipment out of the well

Had I new joint tubing laying on the ground never been used.

31 joints tubing

1 -4' joint ..

1-2' .. ..

1-61 .. ..

1-8' .. .. 1-6' perferated nipple

packer

Had the drill stem back in to 910 ft 12 o'clock noon

Circulated with clean water cleaned out good. Then had to get cement and another Loud of of water to be ready to run cement in the morning.

Contractor worked 8 hrs today.

Nov.30

3 bbl cement at 910'.Pulled drill stem back to 810'.Ran out of water, and while they were getting another load , circulated with some water we had in barrels every few min.After they returned with another load of water circulated all the mud & cement above 810'out until clean water came Quit at 11:15 Going to leave set until tomorrow.Contractor had to change over to some more equippment for tomorrow.

Dec.1

The cement plug was found at 814 picked up tools 2 circulated clean water. Left whole full of water for Welex . They ran radioactivivity log, field copy enclosed. Ran drill stem tools in hole to blow dry with air to shoot. 2 o'clock went in with first shot could not get shot to enter the zone we wanted to shoot. Kept Welex on stand by time until run tools in and drilledcement out of casing, pulled tools at 5 o'clock and had Welex shoot10' section 797' to 807'. Then ran second shot in and perfeterated again a 10'section at 754' to 764' Way in the night and so cold you couldn't stand still so capped well and came to town.

stand still so capped well and came Dec.2

Small low pressure gas show when took the cap off this morning.8 o'clock started swabbing. Fun swab line to bettom of well before ran tubing to swab. ound 25 of mud and dirt in hole. Perferated nipple plugged up. Went to circulating water thru tubing, and it took 600 lbs pressure to break thru. After cleaning some this way went back to swabbing. Pressured with air between casing and tubing while swabbing. Had to pull tubing and found per. nipple plugged at top where it fastened to the tubing, it had a piece of wood in it. 40 clock went back in well now began to get non-flamable gas again. Ran swab to bottom 4 times and as it was getting dark and we had no light plant pulled tubing 1 joint off better dressed well head and left like this Ready.

plant pulled tubing 1 joint off bottom dressed well head and left like this. Ready to complete. Settled with DOW Drilling company Check #1590-\$960.00

#167

Carl K. Booth

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2 Mercury-Inder Grayville - Illi	endent nois					
			[[ ?IL	LIN	GITIME REPOR	
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	N DRILL PIPI			<del></del>		•
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890	895	8:13	8:37	24	Pamp Trouble - Repaired	
		8.37	8:41	10	Repecking Swins	
895	900	3:47	9:30	43		
		9:30	10:2/0	50	Mede round trip to Change Bits	1687
900	910	10:40	11:46	126		
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760_	970	5:20	6145	95	Top of Coconino	<del></del>
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i		12:00	400	440.	Trying Ti blow hele clear of water	`
<b> </b>	<u> </u>	4'00	7:00	3	Went To mud- washed To bottom	
	<del> </del>	7.00	7.00_	3	Prepared hole for OFF Time	
	<del> </del>	<u> </u>				
		1	<u> </u>		november 20, 1961	
  G7.	1	800	900		Running P/s into hole	<u></u>
-		900	8:30		Conditioning mul	
985	990	18:30	10:45		Weshing & digging	ļ.,
970	900		12:49		Standby - Wait ing on mateux	Long.
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995	1000	12:23	2:05	39	167	

DESIGNATE A.M. AND P.M. TIME.

ACTUAL RILLING TIME IS TIME SPENT IN DRILLING THE DEPTH. SHUT DOWN TIME IS SPENT SHUT DOWN FOR REPAIRS, ROUND TRIPS. WATER, ETC. SHOW WHEN BIT IS CHANGED AND KIND OF NEW BIT. MENTION ROUND TRIPS IN REMARKS COLUMN. FILL OUT THIS FORM FROM TOP TO BOTTOM OF HOLE.

2 Mercury-Independent Grayville - Illinois C'ILLING TIME REPOR Ram Dil Co. Date \_ RANGE TYPE OF RIG MUD WEIGHT TYPE OF INDICATOR .... MUD VISCOSITY: WEIGHT ON DRILL PIPE CONTRACTOR-R.P.M. ROTARY TABLE: ACTUAL DRILLING TIME DEPTH REMARKS ENDED BEGAN FROM 337 1005 1000 4:03 4:03 8:00 10:40 10d tubing cleaned facker + Ran bas 800 167

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DESIGNATE A.M. AND P.M. TIME.

RECORD TIME TOUR IS CHANGED UNDER REMARKS.

ACTUAL DRILLING TIME IS TIME SPENT IN DRILLING THE DEPTH, SHUT DOWN TIME IS SPENT SHUT DOWN FOR REPAIRS, ROUND TRIPS.

WATER, ETC. SHOW WHEN BIT IS CHANGED AND KIND OF NEW BIT. MENTION ROUND TRIPS IN REMARKS COLUMN. FILL OUT THIS FORM
FROM TOP TO BOTTOM OF HOLE.

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ANSAS BLUE PRINT CO.INC. ZON Apache Township 19N Island Township Plat 2 \*\*-16' \*47'68 \* ₹ 51. +46 85 -A 160 ರ LOREN I. SUBSURFACE MAP BUCK CONTOURED ON TOP COCONINO SAND S. CONTOUR INTERVAL - 201 °C. 31, 19 DATE - NOVEMBER 15, 1961
GEOLOGIST Screw Buck

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Type of electrical				rith the	e commiss	sion)			-	Date filed	
<u>Gam</u>	ma Kay -	Nov	tren		040000	DECORP				· · · · · · · · · · · · · · · · · · ·	
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	Depth set	1		Size 		Top	- 1	tom	ft.	Sacks cement	Screen (ft.)
2 3/5/ in.			66 IL.		in.		(t,	TRACTIF		DALENA COM	BEST RECORD
	PERFORA'		<del>_</del>	10		-† <del></del> -	kind of ma				th Interval
Number per ft.	Size & type		Depth In	icervat		1					
oren halk	compl.	7	73-80	3_		Sand	Frac.	305	X,50	773-8	705
						3000	921. u	yty.		<u></u>	<del></del>
			<u> </u>			RODUCTION	N .				t time of miner
Date of first pro-	iuction	Pro					it or pumpi	ng—it p	umpin	5, SHOW 8120 &	type of pump:)
			Flou				dustas Ac-	+ 1 117-	to= ==	od during toot	Oil gravity
	04 n Z4A 13	Choke 8	ize Oil p	rod. di	iring test	1	during tes.	1.1		od. during test bbis.	
3-5-62 31	BArs Testeell	r.			bbls.		Gas MC	- 1//	J Wa	iter	Gas—oil ratio
Tubing pressure	Casing pres	звиге	Cal'ted rate duction per	01 Pro- 24 hrs	Oil 	→ bbls.	86	MCF	1	race bbls.	
135 In 3h	rd PKr.	<del></del>			<u> </u>		108		1 11	OC. C 3013.	
Disposition of gas	s (state whethe	r vente	usen for fue	1 OF 801		in Ma	HAMMER	A As			
	ut in		~	•							
CERTIFICATE: I	the undersions	d, under	the penalty of	periur	y, state th	at I am the	Geo	10.91	54		of t
		, anuvi									
Ram. C	1.1			(co)	mpany), a	nd that I an	authorized	by said	compar and co	ny to make this omplete to the b	report: and that the sest of my knowled;
report was prepa	ued ander my S	ahet A121C	''' and Anscribt	, 61111 6	6165 AAL	Dianed tile					-
Date					<del></del>		Signature		-		
·—										ZONA OIL &	
						100				N COMMISS pletion Report	and Well Log
						l "		•		wo copies	-
ļ						Form !	No. P-7				
						Form 1		er No		-	
		167	<del>)</del>				No. P-7 Ized by Ord	er No Effectiv		erille factoris	

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		BETAIL OF F	ORMATIONS PENETRATED
Formation	Тор	Bottom	Description*
or. Fill	0	37	Red sur clay & Sh.
chinle.	37	50	Tantowh. In.gr. Silty Sd + Sh.
	50	90	Pink to buff var. sh.
	90	125	Tan to butt Var. Sh.
	125	245	Pink, bluish gr., + tan to buff sh.
	245	400	Ton to buff sh. w/strks blue sh.
	400	465	Pink + 9124 Sh W/S/ty, 57173.
	4.65	505	Tan to buff sh. w/strks Pink Sh.
	505	570	Pink, red + purple sh.
	570	600	Red + purple sh w/ green waxy s.
	600	660	as above W/No green sh.
	660	735	Pink to buff sh w/ silty stoks.
	735	773	hd. dK. gray MICACEOUS Sd.
al Chinle Shinarump	773	804	Med to crse gr. congl. sd
ngl. en Kopi	804	995	Brick red to Purple stky Sh.
ONINO 5d.	995	1005	med to cree gr. por tanto brn. so fuem.
$\ell_{u}$			

<sup>\*</sup> Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

#### INSTRUCTIONS:

Attach drillers log or other acceptablee log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. P-7

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<del></del>		WFII C	-JV	ייייי	O NO	R REG	COMPLI	ETION RE	POR	T AND	WELL	LOG				
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ell U Ov	er	Dee	pen	ليا	Back DESC	RIPTI		VELL AND								
perator							1	Address								
petator																
ease Name	<del></del> -							Well Numb	er	Field &	Reserv	oir				
							<u> </u>			<u> </u>	Se	c.—TW	P-Range o	r Bloc	k & Su	rvey
oeation																
ounty		Permi	t num	ber		Date	e Issued		P	revious pe	rmit n	ımber	Date Is	sued		
· · · · · · ·													Elevation		anelne	
ate spudded		Date	total d	lepth re	eached		e complet luce	ed, ready to		levation DF, RKB,	RT or	Gr.) feet	hd. flan		Caaring	feet
						l Sim	ale dual o	or triple con	j apletio		If t		dual or tr	iple c	ompletio	n,
Cotal depth		P.B.T	.р.			3111	cic, dans i				fur	nish sep lon.	arate repo	rt for	each c	
Producing interv	al (s) for	this comp	pletion					Rotary to	ols use	d (interv	ıl)	Cable	tools use	d (in	terval)	
												1 5-4-	61.4			
Was this well di	rectionali	y drilled?	Was	directi	onal su	rvey n	nade?	Was copy filed?	of dire	ectional su	rvey	Date	filed			
			- (2)	1000	- 6lad 1	eith th	a commis	sion)				Date	filed			
Type of electric	al or othe	er logs ru	n (ene	eck togs	s theat		o commi	,,,,								
							CASING	RECORD								
Casing (report	all string	s set in	well-c	conduct	or, suri	ace, ir	termedia	te, producin	g, etc.	)					Amt. pu	lied
Purpose	Size	hole dri	iled	Size	casing	set	Weight	(lb./ft.)	E	epth set	_	Sacks o	ement		tiite pu	
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						i				LINER	BECOF	D.	<del></del>	<u> </u>		
		RECORI		ker set		Size		Тор		Botton			s cement	s	creen (f	t.)
Size in.	Depth	ft.		nor sec	ft.		in.		ft			t.				
	•	ERFORAT	TON H	ECORI	<u>, , , , , , , , , , , , , , , , , , , </u>								ENT SQUI			RD_
Number per ft	. Size	& type		I	Depth I	nterval	l	Am't.	& kind	of mater	ial used		Dep	th Int	ervai	
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						I	NITIAL I	PRODUCTION Wing, gas l	Ift or	กบากที่สุด-	-if pum	ning, sh	ow size &	type	of pun	np:)
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Date of test	11107 1110		•			_	eldd	<u>. l</u>		MCF	<u> </u>		bbls.	_!		(Cor
Tubing pressu	re   Ca	sing pres	sure	Cal'	ted rate	of Pro	- Oil		Gas		NOTE	Water	bbls.	1	as—oil r	atio
				<u> </u>			<u> </u>	bbls.	<u> </u>		MCF		onts.			
Disposition of	gas (stat	e whether	rvente	ed, used	for fu	el or so	old):									
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PAUL FANNIN GOVERNOR

R. KEITH WALDEN CHAIRMAN

LYNN LOCKHART VICE CHAIRMAN

CHARLES KALIL, M. D. MEHBER

ROBERT B. HEWARD MEMBER

ORME LEWIS MEMBER

OFFICE OF

D. A. JEROME

EXECUTIVE SECRETARY

Oil and Gas Conservation Commission STATE OF ARIZONA

3500 N. CENTRAL - SUITE 221

Phoenix 12, Arizona CR 9-3397 CR 9-2731

November 16, 1961

Ram Oil Company 3518 N. 24th Street Phoenix 16, Arizona

Attention: Mr. Carl L. Booth

Re: Ram Oil #1-14 State, Sec.14, T19N, R26E, Apache Co.

Gentlemen:

Enclosed is your approved copy of Notice of Intention to Drill New Well on the above described test.

Also attached is your receipt in the amount of \$25.00 for the permit fee.

Good luck on this and your other ventures.

Yours very truly,

Brooks Pierce Petroleum Geologist

by Helen M. Eremie secretary

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OIL AND GAS CONSERVATION COMMISSION STATE OF ARIZONA

Form OG 51

Form Prescribed Under Oil and Gas Conservation Act of 1951

#### NOTICE OF INTENTION TO DRILL NEW WELL

This notice and surety bond must be filed and permit must be granted before drilling begins Arizona Oct 30 19 61 Oil and Gas Conservation Commission Phoenix, In compliance with Statewide Rule 3, notice is hereby given that it is our intention to commence the work of drilling well No. 1 State - 14 CB Sec. 14 Twp. 19 North , Rge, 26 East B. & M., Wildcat Field County. Legal description of lease All of Section 14 (attach map or plat to scale) Location of Well: 1320 feet from west line, and 500 feet from south line (Give exact footage from section corners or other legal subdivisions or streets) feet. Acres in drilling unit Proposed drilling depth 1000 Has surety bond been filed? ves . Is location a regular or exception to spacing rule? Elevation of ground above sea level To be furnished 5776 feet. All depth measurements taken from top of Rotary Table (Derrick, floor, Rotary Table or feet above the ground. which is (Kelly Bushing) PROPOSED CASING PROGRAM Size of Casing Grade & Type Top Bottom Cementing Depth Weight Inches A. P. I. 740 740 ft 411 C W 9.5# Intended Zone or Zones of completion: Perforated Interval Name Coconino Sandstone AFFIDAVIT: I hereby certify under the penalty of perjury, that the information contained and statements herein made are to the best of my knowledge and belief, true, correct and complete. Application approved this day of d Gas Conservation Commission

3-62 1/10/58

SAMPLE WELL LOG

 $\mathbf{of}$ 

#### RAM OIL COMPANY

State #1 - 14

Est. Elevation 5775 -

1320' E of W. L. - 500' N of S. L. Sec. 14-19N-26E, Apache County, Arizona

Commenced November 9, 1961, Surface Pipe @ 795

Rotary Sample Log, (Samples washed and examined from 600 to 817\*)

by Loren I. Buck, Geologist

Depth	Sample determination
600-101	Red shale w/ gray lime streaks - trace of quartzite & chert
610-20	Red shale w/ gray lime streaks
620-30	Missing sample
630-40	Gray green & maroon shale
640-650	Gray & maroon shale
650-60	Gray shale and some loose sand
<b>660</b> <del>?</del> 70	Medium to light gray shale
670-80	Fine light sand & gray green shales. Top Conglomerate section 675: ±
680-690	District among whose dang N GPS Latt HUDGIUMGLATS MI HALK BIGGGGGGG THOTASTORS
690-700	Reddish gray green sand & shaley Conglomerate w/ dark Micaceous inclusions
700-710	Gray green sand & shaley Conglomerate w/ some marcon & gray shale
710-20	Light to dark gray shale w/ little sand & shale Conglomerate
720-30	Reddish sand & shale Conglomerate
730-40	Cherty lime & sandy Conglomerate Cherty lime & reddish shaley sandy Conglomerate w/ dark Micaceous inclusions
740-50	Cherty lime & reddish shaley sandy Conglomerate w/ dark Micaceous inclusions Cherty lime & reddish shaley sandy Conglomerate w/ dark Micaceous inclusions
750-60	Cherty lime & readish shaley sandy conglomerate - fair porosity in Conglomerate
760-70	Pinkish gray sandy Conglomerate & loose sand - fair porosity in Conglomerate
770-80	Pinkish gray & white sandy Conglomerate - fair porosity in white Conglomerate
780-90	Pink to reddish gray & white sandy Conglomerate - fair porosity in white
<b>790#80</b> 0 <sub>,</sub>	Conglomerate
800-810	White sand Conglomerate - loose - good porosity
810-817	
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No. 9279 196/ Date Now. RECEIPT Dam Received From Dollars \$2590 T19N R26 For Lismet Co, Account #1-14 HOW PAID AMT. OF ACCOUNT CASH CHECK AMT. FAID BALANCE DUE MONEY 8K806 Rediform المراجع المراجع

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	Swlfx A		1/2 SE/14 8	SWH		667
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A DCTD A	CTED		SCALE 1	" = 1000	AREA	
ABSTRA PLAT O	F SURVEY	FILED _				
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Lezse Mo's for sec 19 \$ 161

Township\_ Section \_\_\_\_ 6/50 Frm 44390 Hend: 21 0 10 560 Fr. 18 Hen 18 40 4654 65789 800 2400 Feet 1600 800 400 5280 Feet 5886 320 Rods 43560 Sq. Ft. \ | Acre 457 8 66 Feet } | Chain I Mile 1760 Yards 80 Chains

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COMP	ANY	HaHa	lliburton Divi	ision LUBBL	CK, Tr	LAS	Pag		
WILDCA		Sec. 14 Twp.19		E County				State Arizona	— ]   <u> </u>
***************************************		G INFORMATION W							
Completed	NEWELL Formation	SHINARUMP	Pr						
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: OD	From	To		es. Treat: Int	terval: Fro	m(`` `₽••₽	Dooth	792	
				Packer, Tu	na 19-	<b>a</b>		Set at	
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	MATERIALS US					REATME!	T SUMM	ARY	
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j	WATER		Н	iyd. HP Avail umps On Tub	lable4	<u>0U</u>	Use	ing 400	
d Source	PITS	CDC CO		umps On Tub (VERAGE RA)			ca		-11
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u: Grade <u></u>	lb	Sack C		RESSURESF	251			שו מל	
actant: Type	Ga	iin Bbl. G	ial B	ireakdown		300		11,25	<u>—11</u>
d: Type	·	Gal%	<i>\</i>	Ainimum	~~:			placement 14	
d Loss Add.:	Туре	Gal. lb		nstant Shut-Ir	n_275	<u>,</u>	5 /	Min	
pac Balls: T	ype	No		/OLUMES:	,		Breakda	wn: Bbl. Gal. 170	
king Agent:	Туре	Gallb		Treatment: Bb			Di:	pl.: Bbl. Gal. 320	
iing Agent:	1 % Cal Cholor	de Gal. Lb	300	Total: Bbl. G					
. 17pc									
			REATIN	IGIOG	<del></del>	PRESSU	RE—PSI I		
TIME	Operation or An	nt. and Type Fluid P	umped	RATE	PUMPS	TUBING	CASING	REMARKS	
	TESTED LINES				2			3000	
Oslik	BREAKING DOWN			8	1		500	o 300	
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0:59	INCREASED SAND	• ••		8	2		800		
1:00	FRACING			12	2	<del> </del>	7,00		
1:02	FRACTNG	7 7 7 11 11		12	2	<u> </u>	1125 1125		[
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								Joe B. Barret	

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w/1	Co f	IG INFORMATION WAS FUR					170
						/pe	
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ipac Balls: " -li Annol	Type	No Gal. lb	land DEL A	Gal	Bre	eakdown: Bbl. Gal	170
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Copies Requested,

Company Representative /s/ Joe B. Barrett

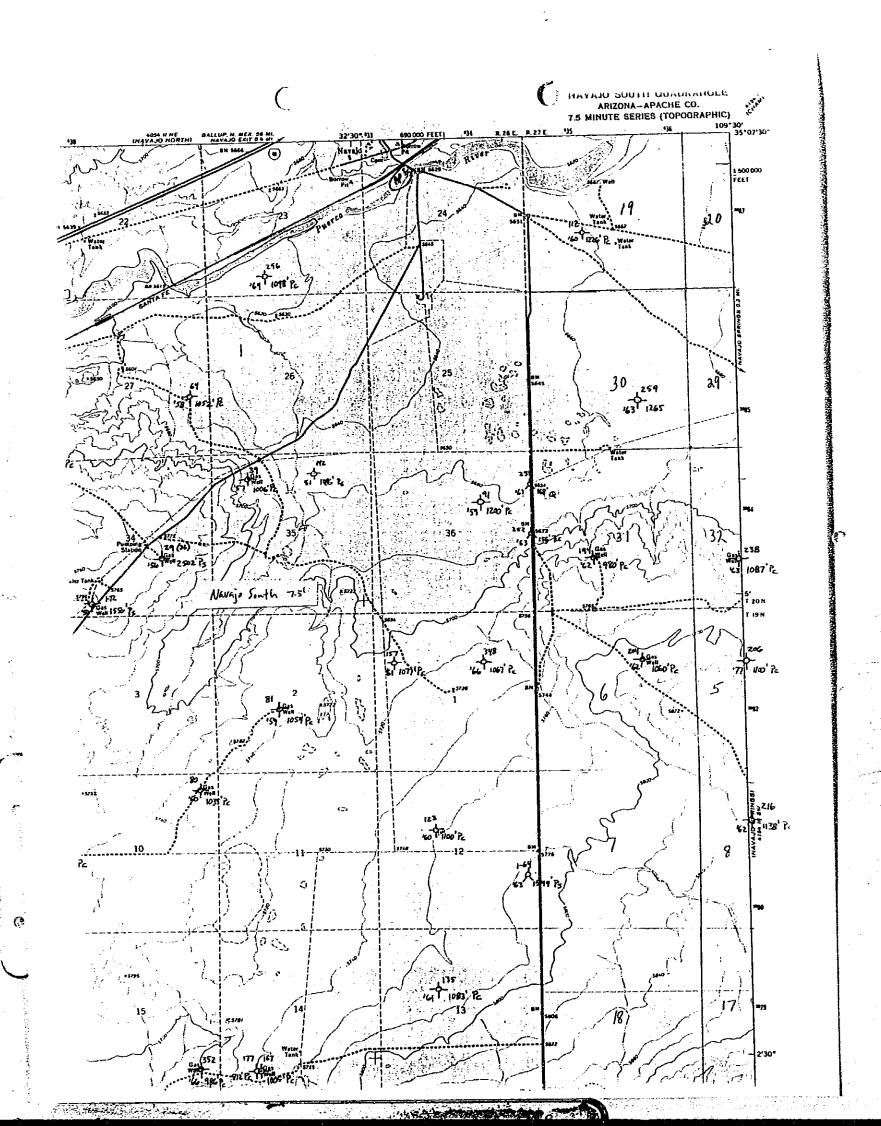
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Holliburton Operator /s/ Premo N. Caracinati ORIGINAL MUST ACCOMPANY TICKET

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M. Assiń



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ARIZONA HELIUM CORPORATION Bond Company U. S. Fidelity & Guaranty Co. Amount \$25,000 Date Approved 6-24-65 Bond No. 22651 13 955 65 Rider; dated 7-26-68 Permits covered by this bond: 319 not issued - Goored by Eastern Pot. - SEE - Original - Original - Rond in - 4:18

North Control of the Control of the

BALTIMORE, MARYLAND

(A Stock Insurance Company)



To be attached to and form a part of bond number 22651-13-955-65, issued by the United States Fidelity, and Guaranty company of Baltimore, Maryland, on behalf of Arizona Helium Corporation, Inc. in favor of the State of Arizona and in the amount of Twenty-five thousand and n/100 (25000.00)

It is hereby understood and agreed that effective this 7th day of October, 1968, the location of drilling operators as originally specified in this bond is amended to include Section 31, Township 20 N, range 28 E, in Apache County, State of Arizona.

Signed, Sealed, and Dated: October 7,1968

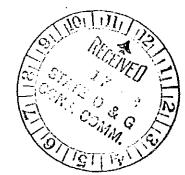
By: Arizona Helium Corporation, Inc.

UNITED STATES FIDELITY AND GUARANTY

COMPANY

William E. Shimer

Attorney-in-fact



Merc. Off. 25 (3-57) Rider

the state of the s

(CERTIFIED COPY)

### GENERAL POWER OF ATTORNEY

Know all Men by these Presents:

That UNITED STATES FIDELITY AND GUARANTY COMPANY, a corporation organized and existing under the laws of the State of Maryland, and having its principal office at the City of Baltimore, in the State of Maryland, does hereby constitute and appoint

William E. Shimer

77085

No.

of the City of Phoenix

, State of Arizona

its true and lawful attorney MKMKKKXXbexStarxXXXXX

for the following purposes, to wit:

To sign its name as surety to, and to execute, seal and acknowledge any and all bonds, and to respectively do and perform any and all acts and things set forth in the resolution of the Board of Directors of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, a certified copy of which is hereto annexed and made a part of this Power of Attorney; and the said UNITED STATES FIDELITY AND GUARANTY COMPANY, through us, its Board of Directors, hereby ratifies and confirms all and whatsoever the said

William E. Shimer

may lawfully do in the premises by virtue of these presents. In Witness Whereof, the said UNITED STATES FIDELITY AND GUARANTY COMPANY has caused this instrument to be attested by the signatures of its Vice-President and Assistant Secretary, this day of , A. D. 19 65 August UNITED STATES FIDELITY AND GUARANTY COMPANY. C. S. Adams, Jr. (Signed) Vice-President. (SEAL) A. W. Griffith Assistant Secretary. STATE OF MARYLAND BALTIMORE CITY, , A. D. 19 65, before me personally came 245 On this nt of the UNITED STATES FIDELITY AND GUARANTY C. S. Adams, Jr. A. W. Griffi , Assistant Secretary of said Company, with both of COMPANY and whom I am personally acquainted, who being by me severally duly sworn, said that they resided in the City of Baltimore, Maryland; that they, the said C. S. Adams, Jr. and A. W. Griffith were respectively UNITED STATES FIDELITY AND GUARANTY COMPANY, the cor-. Vice-President and the Assistant Secretary of poration described in and which executed the foregoing Power of Attorney; that they each knew the seal of said corporation; that the seal affixed to said Power of Attorney was such corporate seal, that it was so affixed by order of the Board of Directors of said corporation, and that they signed their names thereto by like order as Vice-President and Assistant Secretary, respectively, of the Company.

My commussion expires the first day in July, A. D. 19. 67.

1/01

(SEAL)

(Signed)

Anne M. O'Brien

Notary Public.

STATE OF MARYLAND,

BALTIMORE CITY,

James F. Carney , Clerk of the Superior Court of Baltimore City, which Court is a Court of Record, and has a seal, do hereby certify that Anne M. O'Brien , Esquire, before whom the annexed affidavits were made, and who has thereto subscribed his name, was at the time of so doing a Notary Public of the State of Maryland, in and for the City of Baltimore, duly commissioned and sworn and authorized by law to administer oaths and take acknowledgments, or proof of deeds to be recorded therein. I further certify that I am acquainted with the handwriting of the said Notary, and verily believe the signature to be his genuine signature.

In Testimony Whereof, I hereto set my hand and affix the seal of the Superior Court of Baltimore City, the same being a Court of Record, this 24h day of August , A. D. 19 65

(Seal)

(Signed)

James F. Carney

. Clerk of the Superior Court of Baltimore City.

FS 3 (7-65)

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## COPY OF RESOLUTION

That Whereas, it is necessary for the effectual transaction of business that this Company appoint agents and attorneys with power and authority to act for it and in its name in States other than Maryland, and in the Territories of the United States and in the Provinces of the Dominion of Canada and in the Colony of Newfoundland.

Therefore, be it Resolved, that this Company do, and it hereby does, authorize and empower its President or either of its Vice-Presidents in conjunction with its Secretary or one of its Assistant Secretaries, under its corporate seal, to appoint any person or persons as attorney or attorneys-in-fact, or agent or agents of said Company, in its name and as its act, to execute and deliver any and all contracts guaranteeing the fidelity of persons holding positions of public or private trust, guaranteeing the performances of contracts other than insurance policies and executing or guaranteeing bonds and undertakings, required or permitted in all actions or proceedings, or

Also, in its name and as its attorney or attorneys-in-fact, or agent or agents to execute and guarantee the conditions of any and all bonds, recognizances, obligations, stipulations, undertakings or anything in the nature of either of the same, which are or may by law, municipal or otherwise, or by any Statute of the United States or of any State or Territory of the United States or of the Provinces of the Dominion of Canada or of the Colony of Newfoundland, or by the rules, regulations, orders, customs, practice or discretion of any board, body, organization, office or officer, local, municipal or otherwise, be allowed, required or permitted to be executed, made, taken, givin, tendered, accepted, filed or recorded for the security or protection of, by or for any person or persons, corporation, body, office, interest, municipality or other association or organization whatsoever, in any and all capacities whatsoever, conditioned for the doing or not doing of anything or any conditions which may be provided for in any such bond, recognizance, obligation, stipulation, or undertak-, an Assistant Secretary of the UNITED STATES FIDELITY AND ing, or snything in the nature of either of the same.

GUARANTY COMPANY, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney given William E. Shimer by said Company to

to sign bonds as therein set him , authorizing and empowering

forth, which power of attorney has never been revoked and is still in full force and effect. And I do further certify that said Power of Attorney was given in pursuance of a resolution adopted at a regular meeting of the Board of Directors of said Company, duly called and held at the office of the Company in the City of Baltimore, on the 11th day of July, 1910, at which meeting a quorum of the Board of Directors was present, and that the foregoing is a true and correct copy of said resolution, and the whole thereof as recorded in the minutes of said meeting.

In Testimony Whereof, I have hereunto set my hand and the seal of the UNITED STATES FIDELITY AND GUARANTY

COMPANY OR (Date) 10-9-68

13 Jackse

RIDER

TO BE ATTACHED TO AND MADE A PART OF BOND #22651-13-955-65

ISSUED TO: APACHE DRILLING CO., INC.

BY THE UNITED STATES FIDELITY & GUARANTY CO.

IT IS HEREBY UNDERSTOOD AND AGREED THAT THE NAME OF THE PRINCIPAL IS AMENDED TO READ AS FOLLOWS:

" ARIZONA HELIUM CORP. "

Dated: Phoenix, Arizona
July 26, 1968.

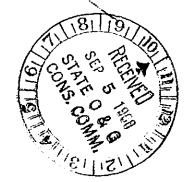
UNITED STATES FIDELITY & GUARANTY CO.

Surety

Ву:\_

L. H. Marlar, attorney-in-fact

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A Control of the Cont

# Marlar, Johnson & Allen insurance and bonds

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Address Reply To: P. O. BOX 619 PHOENIX, ARIZONA 85001

O'MALLEY BUILDING 1800 N. Central Avenue 4th floor Phone: 254-6551

September 4, 1968

Mr. John Bannister OIL & GAS Conservation Commission 1624 West Adams Phoenix, Arizona 85007

Dear Mr. Bannister:

We enclose Rider to bond #22651-13-955-65 now on file with you, amending the name of the Principal from Apache Drilling Co., Inc. to Arizona Helium Corp.

Should you require any other information, please do not hesitate to contact us.

Very truly yours,

Malar I. Hi. Marlar

enc.



UNITED STATES FIDELITY AND GUARANTY COMPANY
BALTIMORE MARYLAND

.....

(A Stock Insurance Company)



TO BE ATTACHED TO AND FORM A PART OF BOND NUMBER 22651-13-955-65, issued by the UNITED STATES FIDELITY AND GUARANTY COMPANY of Baltimore, Maryland, on behalf of APACHE DRILLING COMPANY, INC., in favor of the STATE OF ARIZONA and in the amount of TEN THOUSAND AND NO/100 (\$10,000.00) DOLLARS.

IT IS HEREBY UNDERSTOOD AND AGREED, that effective this 25th day of January, 1966, the penalty of this bond is increased to TWENTY-FIVE THOUSAND AND NO/100 (\$25,000.00) DOLLARS.

SIGNED, SEALED, and DATED: January 25, 1966.

By: APACHE DRILLING COMPANY, INC.

UNITED STATES FIDELITY AND

Howard C. Holman, Jr. Actorney in-Fact

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Merc. Off. 25 (3-57) Rider

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(CERTIFIED COPY)

# GENERAL POWER OF ATTORNEY

73022 No.....

Know all Men by these Presents:

That UNITED STATES FIDELITY AND GUARANTY COMPANY, a corporation organized and existing under the laws of the State of Maryland, and having its principal office at the City of Baltimore, in the State of Maryland, does hereby constitute and L. H. Marlar and Conner Johnson appoint

State of Arizona of the City of Phoenix its true and lawful attorney B in and for the State Arizona

for the following purposes, to wit:

To sign its name as surety to, and to execute, seal and acknowledge any and all bonds, and to respectively do and perform any and all acts and things set forth in the resolution of the Board of Directors of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, a certified copy of which is hereto annexed and made a part of this Power of Attorney; and the said UNITED STATES FIDELITY AND GUARANTY COMPANY, through us, its Board of Directors, hereby ratifies and confirms all and whatsoever the mark either the said L. H. Marlar or the said Conner Johnson

may lawfully do in the premises by virtue of these presents. In Witness Whereof, the said UNITED STATES FIDELITY AND GUARANTY COMPANY has caused this instrument to be scaled with its corporate scal, duly attested by the signatures of its Vice-President and Assistant Secretary, this A. D. 19 60

UNITED STATES FIDELITY AND GUARANTY COMPANY. E. G. Hundley (Signed (SEAL) Kenneth S. Toeple (Signed) Assistant Secretary.

STATE OF MARYLAND BALTIMORE CITY.

, A. D. 19 60, before me personally came August 25th day of , Vice-President of the UNITED STATES FIDELITY AND GUARANTY On this E. G. Hundley COMPANY and , Assistant Secretary of said Company, with both of Kenneth S. Teeple whom I am personally acquainted, who being by me severally duly sworn, said that they resided in the City of Baltimore, Maryland; Kenneth S. Teeple and the Vice-President and the Assistant Secretary of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, the c E. G. Hundley poration described in and which executed the foregoing Power of Attorney; that they each knew the seal of said corporation; that the scal affixed to said Power of Attorney was such corporate seal, that it was so affixed by order of the Board of Directors of said corporation, and that they signed their names thereto by like order as Vice-President and Assistant Secretary, respectively, of the Company.

My commission expires the first Monday in May, A. D. 19 61

Anne M. O'Brien Notary Public.

STATE OF MARYLAND. BALTIMORE CITY.

, Clerk of the Superior Court of Baltimore City, which Court is a James F. Carney , Esquire, before Anne M. O'Brien Court of Record, and has a seal, do hereby certify that whom the annexed affidavits were made, and who has thereto subscribed his name, was at the time of so doing a Notary Public of the State of Maryland, in and for the City of Beltimore, duly commissioned and sworn and authorized by law to administer oaths and take acknowledgments, or proof of deeds to be recorded therein. I further certify that I am acquainted with the handwriting of the said Notary, and verily believe the signature to be his genuine signature.

In Testimony Whereof, I hereto set my hand and affix the seal of the Superior Court of Baltimore City, the same being a Court , A. D. 19 60 day of August 25th of Record, this

(SEAL) F. - S. 3 (11-56) O (Signed)

James F. Carney Clerk of the Superior Court of Baltimore City.

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#### COPY OF RESOLUTION

That Whereas, it is necessary for the effectual transaction of business that this Company appoint agents and attorneys with power and authority to act for it and in its name in States other than Maryland, and in the Territories of the United States and in the Provinces of the Dominion of Canada and in the Colony of Newfoundland.

Therefore, be it Resolved, that this Company do, and it hereby does, authorize and empower its President or either of its Vice-Presidents in conjunction with its Secretary or one of its Assistant Secretaries, under its corporate seal, to appoint any person or persons as attorney or attorneys-in-fact, or agent or agents of said Company, in its name and as its act, to execute and deliver any and all contracts guaranteeing the fidelity of persons holding positions of public or private trust, guaranteeing the performances of contracts other than insurance policies and executing or guaranteeing bonds and undertakings, required or permitted in all actions or proceedings, or by law allowed and

Also, in its name and as its attorney or attorneys-in-fact, or agent or agents to execute and guarantee the conditions of any and all bonds, recognizances, obligations, stipulations, undertakings or anything in the nature of either of the same, which are or may by law, municipal or otherwise, or by any Statute of the United States or of any State or Territory of the United States or of the Provinces of the Dominion of Canada or of the Colony of Newfoundland, or by the rules, regulations, orders, customs, practice or discretion of any board, body, organization, office or officer, local, municipal or otherwise, be allowed, required or permitted to be executed, made, taken, given, tendered, accepted, filed or recorded for the security or protection of, by or for any person or persons, corporation, body, office, interest, municipality or other association or organization whatsoever, in any and all capacities whatsoever, conditioned for the doing or not doing of anything or any conditions which may be provided for in any such bond, recognizance, obligation, stipulation, or undertaking, or anything in the nature of either of the same.

1, H. G. Sachse

an Assistant Secretary of the UNITED STATES FIDELITY AND GUARANTY COMPANY, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney given by said Company to L. H. Marlar and Conner Johnson

of Phoenix, Arizona , authorizing and empowering them to sign bonds as therein set forth, which power of attorney has never been revoked and is still in full force and effect.

And I do further certify that said Power of Attorney was given in pursuance of a resolution adopted at a regular meeting of the Board of Directors of said Company, duly called and held at the office of the Company in the City of Baltimore, on the 11th day of July, 1910, at which meeting a quorum of the Board of Directors was present, and that the foregoing is a true and correct copy of said resolution, and the whole thereof as recorded in the minutes of said meeting.

In Testimony Whereof, I have hereunto set my hand and the seal of the UNITED STATES FIDELITY AND GUARANTY COMPANY on June 23, 1965.

Austriant Secretary.

. (-		OND #22651 13 65
•		KNOW ALL MEN BY THESE PRESENTS  BOND SERIAL NO
That we:	APACHE DRILLI	NG_CO., INC.
of the County of:	Maricopa	in the Arizona State of: Arizona
as principal,	UNITED STATES	FIDELITY AND GUARANTY CO.
of		ORIZED TO DO BUSINESS WITHIN the State of Arizona.
States, for wl	hich payment, well and to rs or successors, and assi	unto the State of Arizona in the penal sum as indicated, lawful money of the United truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, gns jointly and severally, firmly by these presents.
The condition stratigraphic	ns of this obligation is t purposes in and upon t	that whereas the above bounden principal proposes to drill a well or wells for oil, gas or the following described land situated within the State, to wit:
	APACHE COUNTY:	Township 19N 26E, Township 18N 26E, Township 17N 26E  (May be used as blanket bond or for single well)
	Township 17N 2	5 <u>E</u>
rules, regula A.R.S. 27-51 servation Co or gas in co	tions and orders of the 6, providing for the properties and	
Penal sum o	f TEN THOUSAND A	ND 00/100th Dollans (\$10,000,00)
Witness our	hands and seals, this_	APACHE DRILLING CO. INC.
	_	AFACILE DATEETING CO. THO.
		Principal
Witness ou	r hands and seals, this_	day of
	-	UNITED STATES ELDELITY AND GUARANTY COMPANY
	-	L. H. Marlar, attorney-in-fact

see Rider 1-25-66

STATE OF ARIZONA

OIL & GAS CONSERVATION COMMISSION

Bond

File Two Copies

Form No. 2

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

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STATE OF ARIZONA
OUT & GAS CONSERVATION COMMISSION

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Approved/

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October 11, 1965

Apache Drilling Company 6201 West Indianola Phoenix, Arizona

Re: U.S. Fidelity & Guaranty Co. Bond 22651 13 955 63

Gentlemen:

As you are aware, the captioned bond in the amount of \$10,000 is on file with this Commission to cover honding requirements of this Commission.

As a result of the public hearing held September 22, 1965 in Phoenix, Arizona, concerning the Rules and Regulations of this Commission, the bonding requirements have been increased to \$5,000 for a single well and to \$25,000 for a state-wide blanket bond.

As required by law, certified copy of the new Rules and Regulations was filed with the Secretary of State on October 1, 1965, and consequently the new Eules became effective on that date.

This letter is to request that at your earliest convanience you take the necessary steps to increase your state-wide bond to \$25,000. Upon receipt of your new bond your old bond of course may be released.

Your earliest cooperation will be appreciated

Yours very truly,

John Bennister Executive Secretary

V/V

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A STATE OF THE PARTY OF THE PAR

August 5, 1971

Mr. Robert Callen United States Fidelity & Guaranty Bond Department 3605 North 7th Avenue Phoenix, Arizona 85013

Re: Permit #167 - Ram Oil Company State #1-14

SW/4 SW/4 Sec. 14-T19N-R26E

Permit #318 - Apache Drilling #1 Spurlock Wetzler Fee

SW/4 NE/4 Sec. 23-T19N-R26E

Permit #322 - Apache Drilling #2 Spurlock Wetzler Fee

NE/4 SE/4 Sec. 27-T18N-R26E

Permit #341 - Apache Drilling #3 Spurlock Wetzler Fee

SE/4 NW/4 Sec. 25-T18N-R26E

Permit #355 - Apache Drilling #13 Spurlock Wetzler Fee

SW/4 NE/4 Sec. 13-T18N-R26E

Permit #346 - Apache Drilling #1-22 State

NW/4 SE/4 Sec. 22-T19N-R26E

Bond No. 22651-13-955-65

Dear Mr. Callen:

Since the above wells have been plugged and abandoned to the satisfaction of the Commission, and at the request of Mr. Truett Henderson, the bond covering the above wells may be terminated.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEA:jd cc: Mr. Truett Henderson



# Tombstone Mineral Reserves, Inc.

4750 North Black Canyon Hwy. PHOENIX, ARIZONA 85017

Phoenix: 279-1203 • Tombstone: 457-3654

August 3, 1971

Oil & Gas Conservation Commission 4515 N. 7th Avenue Phoenix, Arizona 85013

Mr. Bill Allen:

In regard to our conversation in reference to plugging of certain wells in Apache County owned by Arizona Helium:

This work has been done and enclosed is a copy of work done in the process of plugging. Also a copy of the amount of cement used in each well.

I will furnish whatever reports are necessary to release bond and clean up this mess.

Sincerely,

C.D. Glenderson

C. T. Henderson

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CTH/iw Encl.

RECEIVED
AUG 4 1971
0 & G CONS. COMM.

Report on plugging wells in the Navajo, Arizona area July 9 through July 16, 1971. Steve, Bill, and R. W. Henderson.

- July 9 - Got Mack from Karlson and started for Navajo. Truck broke down.

  Arrived with water truck and house trailer at 9:00 P.M. at Navajo.
- July 10 Trailer with rig arrived at 4:30 A.M. Unloaded rig and moved south to Sec. 22 19N-26E. Took heads off Secs. 23, 22 and 14. Bill went to Holbrook to order cement and get points and plugs. Put points, plugs and condenser in rig.
- July 11 Pulled sucker rod and pump from Sec. 22. Pulled tubing in 22 and moved to Sec. 14. Tried to pull tubing in Sec. 14 but stuck tight.
- July 12 Bill went to Holbrook to get powder to shoot 14 didn't have any there. Pulled head from Sec. 13 18N-26E and checked sections 25 and 27, 18N-26E. Unloaded 35 sacks of cement at Sec. 22 and 35 sacks of cement at Sec. 14. Unloaded 17 sacks of cement in pick up and 63 sacks of cement in Spurlock barn. Put 6 barrels of 5 sack cement in bottom of the 4 1/2 in. of 22 filled with water, and put wood and sack plug on top of water and finished on top and filled with cement. Put 3 barrels of 5 sack cement in bottom of the 2 7/8 in. tubing of 23 and filled with water. Put wooden plug on top of water and filled with cement. Put 4 inch pipe marker over 2 7/8 in, tubing and filled with cement.
- July 13 Put 3 barrels of 5 sack cement in Sec. 25, 18N-26E. Put 2 barrels of 4 sack cement in Sec. 27, 18N-26E. Started south with backhole and had power steering problems.
- July 14 Put 3 sacks of cement in top of 25 along with 4 inch marker. Put 2 sacks of cement in marker in 27. Covered pits at 25 and 27. Pulled tubing in 14 and moved rig to Sec. 13.
- July 15 Ran tubing into Sec. 13, 18N-26E. and swabed for 2 hours. Covered pits and pulled tubing. Put 6 barrels of 5 sack cement in bottom of 13 and filled with water. Put plug on top of water and filled top and 4 inch marker with one barrel of cement. Loaded tubing and cleaned location at 13.
- July 16 Unloaded tubing and went to Sec. 14, 19N-26E. Put 6 barrels of 5 sack cement in bottom of 14, filled with water and put one barrel in top and marker. Loaded tubing and cleaned location. Loaded tubing and sucker rod at Sec. 22 and cleaned location. Unloaded tubing and sucker rod at Jay Reeces ranch.

Put marker of 4 inch iron pipe at least 4 feet high on sections 13,14, 22, 23, 25, 27.

Put 35 sacks of cement in wells 13, 14, 22

Put 18 sacks of cement in well 25

Put 17 sacks of cement in well 23

Put 10 sacks of cement in well 27

150 sacks of cement

R. W. Henderson 19 July 1971

O. D. Henderson

O & G CONS, COMM,

ILA FONY

**KECELNED** 

RECEIVED

AUG 4 1971

0 & G CONS. COMM.

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#### OFFICE OF

#### Gil and Cas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE. PHOENIX, ARIZONA 85013 PHONE: (602) 271-5161

June 21, 1971

Mr. Truett Henderson 7741 West Olive Phoenix, Arizona

Re: Permit #167 - Ram Oil Company State #1-14
SW/4 SW/4 Sec. 14-T19N-R26E
Permit #318 - Apache Drilling #1 Spurlock Wetzler Fee
SW/4 NE/4 Sec. 23-T19N-R26E
Permit #322 - Apache Drilling #2 Spurlock Wetzler Fee
NE/4 SE/4 Sec. 27-T18N-R26E
Permit #341 - Apache Drilling #3 Spurlock Wetzler Fee
SE/4 NW/4 Sec. 25-T18N-R26E
Permit #355 - Apache Drilling #13 Spurlock Wetzler Fee
SW/4 NE/4 Sec. 13-T18N-R26E
Permit #346 - Apache Drilling #1-22 State
NW/4 SE/4 Sec. 22-T19N-R26E

Dear Mr. Henderson:

The Commission has been informed by Mr. Robert Callen, United States Fidelity & Guaranty Company, and Mr. John Savoy that you have agreed to plug the above referenced wells.

Please submit Form 9, Application to Abandon and Plug, for our approval at least ten days prior to commencing plugging operations. It would also be appreciated if you would inform this office of the approximate dates you will be able to start this work.

If we can be of any assistance to you please advise.

Very truly yours,

16

W. E. Allen, Director Enforcement Section

WEA:jd cc: Mr. John Savoy Enc.



#### OFFICE OF

#### Gil and Cas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE. PHOENIX, ARIZONA 85013 PHONE: (602) 271-5161

June 21, 1971

Mr. Robert Callen United States Fidelity & Guaranty Bond Department 3605 North 7th Avenue Phoenix, Arizona 85013

Re: Permit #167 - Ram Oil Company State #1-14
SW/4 SW/4 Sec. 14-T19N-R26E

Permit #318 - Apache Drilling #1 Spurlock Wetzler Fee
SW/4 NE/4 Sec. 23-T19N-R26E

Permit #322 - Apache Drilling #2 Spurlock Wetzler Fee
NE/4 SE/4 Sec. 27-T18N-R26E

Permit #341 - Apache Drilling #3 Spurlock Wetzler Fee
SE/4 NW/4 Sec. 25-T18N-R26E

Permit #355 - Apache Drilling #13 Spurlock Wetzler Fee
SW/4 NE/4 Sec. 13-T18N-R26E

Permit #346 - Apache Drilling #1-22 State
NW/4 SE/4 Sec. 22-T19N-R26E

Bond No. 22651-13-955-65

Dear Mr. Callen:

As was stated in our recent telephone conversation, we are indeed pleased that Mr. Henderson has assumed responsibility to U.S. Fidelity & Guaranty for plugging the above listed wells. However, Mr. Callen, until the wells are satisfactorily plugged and the well locations restored to an acceptable condition, this Commission will of necessity look to your company for a timely and satisfactory performance.

Very truly yours,

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W. E. Allen, Director Enforcement Section

WEA:jd Enc.

June 7, 1971

Mr. John Savoy Hill & Savoy 512 Arizona Bank Building Phoenix, rizona 85003

Re: Bond No. 22651-13-955-65, Arizona Helium Corporation Your client: C. T. Henderson

Dear Mr. Savoy:

Please refer to your letter dated June 3, 1971, regarding the above referenced subject. Enclosed is a copy of our letter to Mr. Robert Callen, United States Fidelity and Guaranty, which is self-explanatory.

It is regrettable that we have to take this course; however, in order to protect the natural resources of the State and also to comply with the laws of the State of Arizona this Commission has no other alternative in this matter.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEA:jd.

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June 7, 1971

Mr. Robert Callen United States Fidelity & Guaranty Bond Department 3605 North 7th Avenue Phoenix, Arisona 85013

Re: Permit #167 - Ram Oil Company State #1-14

SW/4 SW/4 Sec. 14-T19N-R26E

Permit #318 - Apache Drilling #1 Spurlock Wetzler Fee

SW/4 NE/4 Sec. 23-T19N-R26E

Permit #322 - Apache Drilling #2 Spurlock Wetzler Fee

NE/4 SE/4 Sec. 27-T18N-R26E

Permit #341 - Apache Drilling #3 Spurlock Wetzler Fee

SE/4 RW/4 Sec. 25-T18N-R26E

Permit #355 - Apache Drilling #13 Spurlock Wetzler Fee

SW/4 NE/4 Sec. 13-T18N-R26E

Permit #346 - Apache Drilling #1-22 State

NW/4 SE/4 Sec. 22-T19N-R26E

Bond No. 22651-13-955-65

Dear Mr. Callen:

We have received a letter from Mr. John Savoy, a copy of which is enclosed, regarding the above referenced wells. We can see no useful purpose that would be served in delaying further the plugging and abandoning of these wells. This letter is a formal request to begin plugging operations as quickly as possible.

Please advise this office of the date you anticipate starting on this project.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEA:jd cc: Mr. John Savoy

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GEORGE M. HILL JOHN E. SAVOY KENNETH I. TODD JOHN P. OTTO LAW OFFICES
HILL & SAVOY

512 ARIZONA BANK BUILDING
PHOENIX, ARIZONA 85003

TELEPHONE 258-7523

June 3, 1971

Mr. W. E. Allen, Director Enforcement Section Oil & Gas Conservation Commission State of Arizona 4515 North 7th Avenue Phoenix, Arizona 85013

Re: Bond No. 22651-13-955-65, Arizona Helium Corporation My client: C. T. Henderson

Dear Mr. Allen:

I represent Mr. C. T. Henderson who was advised that the Oil & Gas Commission requires that certain wells owned by Arizona Helium Corporation be plugged. To keep you informed in this matter, I am enclosing a letter received this date from Mr. Gillenwater.

If you require that the wells be capped prior to the auction will you please advise me and I will contact Mr. Gillenwater.

Very truly yours,

For HILL & SAVOY

John E. Savoy/ch Enclosure

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JUN 4 1971

0 & G CONS. COMM.

BROWDER, GILLENWATER & DAUGHTON

2304 FIRST FEDERAL SAVINGS BUILDING 3003 NORTH CENTRAL AVENUE PHOENIX, ARIZONA 85012

ROBERT W. BROWDER POWELL B. GILLENWATER

in the second

TELEPHONE 264-7914 AREA CODE 602

June 2, 1971

John E. Savoy Hill & Savoy 512 Arizona Bank Building - Phoenix, Arizona 85003

> Re: Arizona Helium Corp., B-69-1853

Dear John:

I received your letter of the 25th directed to Robert L. Jarratt, Trustee in the above bankruptcy. I am his attorney and he has referred your letter to me for response.

The situation is essentially this. We are in the process of selling at public auction the helium plant and all wells of Arizona Helium including the ones referred to in your letter, all easements and some state leased land owned by the corporation. The Arizona Auctioneers will be conducting the auction and are in the process now of establishing a date for the auction and advertising in the appropriate cryogenics journals and other publications. I will endeavor to advise you of the auction date as soon as it is known. If it is essential that these wells be capped prior to the auction, please advise and I will discuss the matter further with the Trustee.

Yours very truly,

Browder, Gillenwater & Daughton

Powell B. Gillenwater

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JUN 4 1971

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PBG:jh

cc: Robert L. Jarratt Robert B. Callan



OFFICE OF

# Gil and Gus Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE. PHOENIX, ARIZONA 85013 PHONE: (602) 271-5161

May 19, 1971

Mr. Powell Gillenwater 2304 First Federal Savings Building 3003 North Central Avenue Phoenix, Arizona 85012

Re: Arizona Helium Corporation

Dear Mr. Gillenwater:

Attached is the information available to us that may be of some interest to you.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEA:jd Enc.

List of wells involved Arizona Helium Corp. Bond No. 22651-13-955-65 Apache Drilling Co. Bond No. 22651-13-955-65 Well Completion Report on Permit #353 Well Completion Report on Permit 167

18

NAMES AND LOCATIONS OF WELLS

Permit #167 - Ram Oil Company State #1-14 SW SW Sec. 14-T19N-R26E

Permit #318 - Apache Drilling #1 Spurlock Wetzler Fee SW NE Sec. 23-T19N-R26E

Permit #322 - Apache Drilling #2 Spurlock Wetzler Fee NE SE Sec. 27-T18N-R26E

Permit #341 - Apache Drilling #3 Spurlock Wetzler SE NW Sec. 25-T18N-R26E

Permit #355 - Apache Drilling #13 Spurlock Wetzler Fee SW NE Sec. 13-T18N-R26E

Permit #319 - Apache Drilling #1 State NE SE Sec. 22-T19N-R26E

Permit #346 - Apache Drilling #1-22 State NW SE Sec. 22-T19N-R26E

Permit #353 - Apache Drilling #1 Santa Fe SE NW Sec. 25-T20N-R27E

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### Gil and Gas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE. PHOENIX, ARIZONA 85013 PHONE: (602) 271-5161

April 23, 1971

Mr. Jack Pearson United States Fidelity & Guaranty Bond Department 3605 North 7th Avenue Phoenix, Arizona 85013

> Re: Bond No. 22651-13-955-65 Arizona Helium Corporation

Dear Mr. Pearson:

We have been advised that your principal under the above referenced bond, Arizona Helium Corporation, has taken bankruptcy and is no longer in a position to discharge their obligations of plugging the wells covered under the above referenced bond in accordance with Rule 201 and 202 of the Rules and Regulations of the Oil and Gas Conservation Commission.

In order to comply with these rules, and as your company is surety under their bond, I would like to arrange a conference with you or anyone that you might designate to discuss the plugging of these various wells.

Please advise this office as quickly as possible when such a conference can be arranged.

Very truly yours

W. E. Allen, Director Enforcement Section

WEA:jd cc: Arizona Helium Corporation

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EASTERN PETROLEUM CO. EASTERN DRILLING, INC.

TELECHONE 35-24104 - P O BOX 291 - CARMILILLINOIS

April 21, 1971

Mr. W. E. Allen Oil & Gas Conservation Comm. 4515 North 7th Avenue Phoenix, Arizona 85013

Re: Arizona Helium

Dear Mr. Allen:

I have discussed the contents of your letter of March 24 with Mr. Fullop relative to unplugged holes of Arizona Helium.

Mr. Fullop stated that he cannot recall any discussion with Mr. Hashem regarding such an arrangement. Since Arizona is going into full bankruptcy it would appear the bonding company is the logical recourse.

Yours very truly,

EASTERN PETROLEUM COMPANY

J. N. Edwards

JNE:sjn

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OFFICE OF

### by and Cas Construction Commission

STATE OF ARIZONA 4515 NORTH 7TH AVE. PHOENIX, ARIZONA 65013 PHONE: (602) 271-5161

March 24, 1971

Mr. Henry Fullop Eastern Petroleum Company P. O. Box 291 Carmi, Illinois 62821

Dear Mr. Fullop:

We are enclosing a copy of the letter sent to Arizona Helium Corporation for your information. Mr. Abrams, the receiver for Arizona Helium Corporation, has indicated to me that a Mr. Tom Hashem has made some kind of arrangements with you to plug the wells discussed in the enclosed letter.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEA:jd Enc.

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#### OFFICE OF

### Gil and Sus Conservation Commbesten

STATE OF ARIZONA

4515 NORTH 7TH AVE. PHOENIX, ARIZONA 85013 PHONE: (602) 271-5161

March 24, 1971

Mr. H. J. Abrams Arizona Helium Corporation 3440 North 16th Street Phoenix, Arizona 85016

Re: Ram Oil Company State #1-14 SW/4 SW/4 Sec. 14-T19N-R26E Apache County Our File #167

> Apache Drilling #1 State NE/4 SE/4 Sec. 22-T19N-R26E Apache County Our File #319

Apache Drilling #3 Spurlock-Wetzler Fee SE/4 NW/4 Sec. 25-T18N-R26E Apache County Our File #341 Apache Drilling #1 Spurlock SW/4 NE/4 Sec. 23-T19N-R26E Apache County Our File #318

Apache Drilling #2 Spurlock-Wetgler Fee NE/4 SE/4 Sec. 27-T18N-R26E Apache County Our File #322

Apache Drilling #1-22 State NW/4 SE/4 Sec. 22-T19N-R26E Apache County Our File #346

Apache Drilling #13 Spurlock-Wetzler Fee SW/4 NE/4 Sec. 13-T18N-R26E Apache County Our File #355

Dear Mr. Abrams:

Ų,

At the request of Mr. Robert B. MacTough the Oil and Gas Commission granted Arizona Helium Corporation permission to continue the above wells in a temporary abandoned status until December 31, 1969. Because of various difficulties that were being experienced by Arizona Helium Corporation, the Commission did not demand that the wells be plugged at the end of the above mentioned expiration date.

March 24, 1971 Mr. H. J. Abrams Page 2

2512526

Apparently Arizona Helium has been unable to solve their problems; and, the Commission can no longer permit the above wells to remain in a temporary abandoned status. In order to insure the continued protection of potential producing reservoirs, to prevent possible waste, and to protect fresh water zones in the subject wells, the Commission must now demand that the above wells be plugged in accordance with Rules 201 and 202 of the Rules and Regulations of the Oil and Gas Conservation Commission. (Copy enclosed)

Should Arizona Helium not take the steps necessary to properly plug the subject wells as quickly as possible, the Commission will then have no course open to it except to require the bonding company to have the wells plugged under their bond #22651-13-955-65.

Please advise this office of your course of action immediately.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEA:jd

Enc.

cc: Mr. Jack Pearson, U.S. F.&G

19

February 10, 1971

Mr. Fritz Ryan State Land Department 1624 W. Adams-Fourth Floor Phoenix, Arizona 85007

Re: Ram Oil Company #1-14 State SW/4 SW/4 Sec. 14-T19N-R26E Apache County Our File #167

Dear Mr. kyan:

Please refer to Mr. Bannister's letter of December 12, 1969, addressed to Mr. O. M. Lassen and your reply dated February 27, 1970. Would you please advise this office of any new developments that have been decided in regards to the above captioned well.

We need any additional information that you may be able to supply in odder to bring our file on this particular well current.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEA: jd

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OFFICE OF

# Oil and Con Conscruation Commission

STATE OF ARIZONA
ROOM 202
1824 WEST ADAMS
Phornix, Arizona H5007
PHONE: 271-5161

August 5, 1970

Mr. Jack Pearson
Bond Department
United States Fidelity & Guaranty
Company
3605 North 7th Avenue
Phoenix, Arizona 85013

Re: Bond No. 22651-13-955-65 Arizona Helium Corporation

Dear Mr. Pearson:

This is to advise you that according to our records there is a total of eight wells covered under the above referenced bond. Seven of these wells are temporarily abandoned and another has been reportedly plugged and abandoned.

These wells aren't presently in violation; however, until such time as all wells are plugged and abandoned, the bond covering these wells cannot be released.

Should you need further information, please advise.

Very truly yours,

W. E. Allen Director of Enforcement Section

WEA:jd

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Nella Holium -Ben Offica . see 14-171-345 shut in Prod has exp. 3-22-69 botton to harron re. P.P. exceptof-No Aus. Estern Ancon . Of Sindele . 31-30-28 Rastern ofthe Eastern Drilled. under Drie Hel Bond- That in-Apala vila, =1 spurlock-wetsler Fee 500 23- 19-26 T.A. Perna Gardad to Continue T. P. Status Gil 7-51-69. Apreha Dilg. #2 Surlucks. Wetzlev Fe. 27-18-26 T.A. No Prod String - Bodern ofmently to Play re Firs - 9-4-69 341 Ajoche Delg, #3 Spurkok uptake 25-18-24 1.A. Bamans above except Als' set 910' Amelio State #1- 22 22-19-26 TA, TOMBERS 346 Agrapa Prop - side for thank, 25-20-27 P.A. 9-68 353 Ancho Dile "12 spechok mobile Fre 13-15-06 Eastern Appropriently to Plage No F. Da 9- 1/1-69

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#### UNITED STATES FIDELITY AND GUARANTY COMPANY

PHOENIX OFFICE 3605 N. 7th AVENUE, PHOENIX, ARIZONA 85013 TELEPHONE: 602/277-4411

T. D. GIBSON

July 22, 1970

Mr. John Bannister Arizona Oil & Gas Conservation Commission 1624 West Adams St. Phoenix, Arizona 85007

> Re: Bond No. 22651-13-955-65 Arizona Helium Corp.

Dear Mr. Bannister;

Please advise all that must be done for this bond to be cancelled.

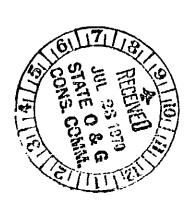
Thank you for your assistance.

Best Regards,

Jack Pearson Bond Department

JP/bs

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STATE LAND DEPACMENT

ANDREW L. BETTWY STATE LAND COMMISSIONER PHONE 271-4621

STATE OF ARIZONA STATE OFFICE BUILDING PHOENIX, ARIZONA 85007

February 27, 1970

LOUIS C. DUNCAN DEPUTY PHONE 271-4621

ACCOUNTING DIVISION PHONE 271-4624

LAND ACQUISITION

PHONE 271-4637

LEASING DIVISION PHONE 271-4634

Mr. John Bannister, Executive Secretary Oil and Gas Conservation Commission

State of Arizona

LEGAL DIVISION PHONE 271-4626

Room 202, 1624 West Adams Phoenix, Arizona 85007

MINERAL, OIL & GAS PRODUCTION DIVISION

PHONE 271-4628

Dear Mr. Bannister:

SALES DIVISION PHONE 271-4631

SOIL CONSERVATION DIVISION

PHONE 271-4625

WATER DIVISION PHONE 271-4629

WATERSHED MANAGEMENT DIVISION PHONE 271-4633

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Please refer to your letter of December 12, 1969, addressed to Mr. O. M. Lassen, then State Land Commissioner, and relating to the Ram Qil Company State 1-14, Your File #167.

We regret that we have not afforded you an answer to the subject letter sooner. Rest assured, however, that as soon as possible the matter will be discussed with Commissioner Bettwy and his recommendations forwarded to you.

Yours very truly,

F. C. Ryan, supervisor Mineral, Oil & Gas Production pivision

FCR/lb

CONS. COMM.

X-Chron

December 12, 1969

Mr. O. M. Lassen State Land Department Commissioner Room 401 4th Floor Capitol Annex East Phoenix, Arizona 85007

Re: Ram Oil Company State 1-14 SW/4 SW/4 Sec. 14-T19N-R26E Apache County, Arizona Our File #167 Your State Lease 6063

#### Dear Mr. Lassen:

Our records indicate that State Lease 6063 was being held by the captioned well and was on a shut-in royalty status. Our records further indicate that the lease now has expired by its own terms on 3-22-69. The captioned well is covered by Arizona Helium Corporation's bond with United States Fidelity & Guaranty Company being Bond No. 22651-13-955-65. Our records also show that all of Section 14, T19N, R26E was originally dedicated to this well. Consequently, as long as this well remains on our records as a shut-in well capable of producing helium, we cannot allow further drilling to occur in Section 14. It is our understanding that in addition to State Lease 6063 other of your leases are necessary to comprise the entire acreage in Section 14.

Inasmuch as the principal lease covering the captioned well has now expired, would you please advise this Commission if

The second secon

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Page 2 Mr. O. M. Lassen December 12, 1969

it is your desire that we should order this well plugged and abandoned. In previous discussions with you on similar situations it has been determined that as State policy a producing well on an existing lease which expires does become the property of the State. Should you desire that this Commission take such other action as is open to it in accordance with our Rules and Regulations, will you please advise.

Sincerely,

John Bannister Executive Secretary

JB:jd

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22 July 1968

Oil & Gas Conservation Commission 1624 West Adams 85007 Phoenix, Arizona

Attn: Mr. John Bannister, Executive Secretary

Re: Ram Well Sec. 14 - 19N - 26E Back flow test.

Dear Mr. Bannister:

The above captioned well is a shut in well and has not as of this writing been on production. We would appreciate being excused from running a back flow test on this well in 1968.

Thank you very kindly for your cooperation in this matter.

Very truly yours,

SHU u Servala R. H. McDonald

President

RHM:mf

And the second second

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STATE O & G CONS. COMM.

Personal State of the Control of the

Æ) Date Approved \_\_\_\_ Permits covered by this bond: 

Sul ē 703 Regency House 610 4 avenue S. W. Calgary. alta

Tul John Baumester Executive Secretary Dil I Sas bon servation bom I having, aring.

6+ cure informality of letter but Runkly knowed under with work; also knowed under with weather. In respect to your notification of howish et would appear that I was remiss in not Ram Dil bompany in all capacities. I regret that I do not have the actual record date at the present location

In leaving arizona I express my deep appreceation of your self T your départmental associates. 2 cannot help but commiserate with you in having to continue to deal with the types I was sunfortunate to run into.

I wish yourself, J.R.S. and hange all the total to in the world, and it has been " belaoming good association maties Eur sincerely

Maynard J. Nav.

Control of the Contro

November 12, 1965

Apache Drilling Go. Inc. 6201 W. Indianola Phoenix, Arizona

Attention: Mr. C. Truitt Henderson

Ram Oll Company 330 W. Hedlock Dr., Apt. 209 Phoenix, Arisona 85013

Attention: Mr. Maynerd J. Davies

U.S. Fidelity and Guaranty Company 3424 North Central Avenue Phosnix, Arizona 85012

Attention: Mr. H.C. Holman

Southwest Casualty Insurance Company 758 E. McDowell Road Phosnia, Arisons

Attention: Mr. Kd West

Re: Rem Oil Co. #1-14 State well SW/48\$/4 14-198-26K, Apache County, Arizona Our File 167

#### Gentlemen:

We have received a letter from U.S. Fidelity and Guaranty Company wherein they agree to place the captioned well under their Bond 22651 13 955 65. Apache Drilling Company is the principal under this bond.

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ALL STREET, ST

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Accordingly, this is to advise that Southwest Casualty Insurance Company Bond 2857 and Ram Oil Company are released as to obligations concerning this well.

This letter, does not, however, constitute a release as to Southwest Casualty Insurance Company's Bond 2857, or as to Ram Oil Company's obligations on other wells drilled there-under.

Apache Drilling Company Inc. consequently has assumed the responsibility of keepting the captioned well in compliance with our Rules and Regulations and of properly plugging and abandoning this well when necessary.

Should there be any questions, will you please advise.

Very truly yours,

John Bannister Executive Secretary mr

cc: Hr. F.C. Ryan, State Land Dept.

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### UNITED STATES FIDELITY AND GUARANTY COMPANY

PHOENIX OFFICE

3424 NORTH CENTRAL AVENUE, PHOENIX, ARIZONA 85012 TELEPHONE: 602/CRESTWOOD 7-4411

T. D. GIBSON

November 8, 1965

State Land Department Capital Building 1700 West Washington Phoenix, Arizona

Gentlemen:

Re: APACHE DRILLING COMPANY, INC. - Bond #22651-13-955-65 Blanket Bond for Drilling, Casing, & Plugging Wells

We have been requested by Attorney Clyde Emmett Douglas to verify to you the fact that the above blanket bond issued for the principal does in fact cover both Section 14 and Section 22, Township 19 North, Range 26 East, Apache County, Arizona.

In our bond form there is nothing specific as to Section 14 and Section 22. However, the description given in our bond is as follows, and I quote: "APACHE COUNTY: Township 19N 26E, Township 18N 26E, Township 17N 25E." If the two sections lie in the described boundaries stated in the bond, it is covered. However, I have no way of knowing whether or not these two sections are actually in the covered territory.

For your information we are enclosing a photostatic copy of our bond which may help you in the information you seek. If we can be of any further help, please advise.

Very truly yours,

Bond Underwriter

dsa/enc.

Apache Drilling Company Marlar, Johnson & Allen Clyde E. Douglas, Attorney-at-Law

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STATE O & G COMM. COMM.

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¥22651 13 955 65 OW ALL MED AS THESE PRESENTS BOND SERIAL NO .... .. APACHE DRILLING CO. . IN in the Maricopa County of as principal, ?! UNITED STATES FIDELITY AND GUARANTY CO of Articon DO BUSINESS WITHIN the State of Arizona. as surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents. The conditions of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to wit: APACHE COUNTY: Township 19N 26E, Township 18N 26E, Township 17N 26E (blay be used as blanket bond or for single well) NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, caving and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect. Penal sum of TEN THOUSAND AND 00/100th tollars (\$10,000.00) Witness our hands and seals, this Principal day of\_ 23rd Witness our hands and seals, this. UNITED STATES FIDELITY AND GUARANTY COMPANY L. H. Marlar, attorney-in-Tatt (If the principal is a corporation, the bond should be executed by its duly authorized officers, and its replacing of the course of authorized by the replacing of the course of authorized by the cou STATE OF 45 OIL & GAS CONSERVATER 25SION Date STATE OF ARIZONA Bond OIL & GAS CONSERVATION COMMISSION File Two Copies Ferm No. 1 61

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#### UNITED STATES FIDELITY AND GUARANTY COMPANY

PHOENIX OFFICE

3424 NORTH CENTRAL AVENUE, PHOENIX, ARIZONA 85012

TELEPHONE: 602/CRESTWOOD 7-4411

T. D. GIBSON MANAGER

November 8, 1965

Oil & Gas Conservation Commission State of Arizona Room 202 1624 West Adams Phoenix, Arizona 85007

Attention: Mr. John Bannister, Executive Secretary

Re: APACHE DRILLING COMPANY, INC. Bond #22651-13-955-65 - Blanket Bond for Drilling, Casing, and Plugging Wells

#### Gentlemen:

We have been requested by Attorney Clyde Emmett Douglas to verify to you the fact that the above blanket bond issued for the principal does in fact cover both Section 14 and Section 22, Township 19 North, Range 26 East, Apache County, Arizona.

In our bond form there is nothing specific as to Section 14 and Section 22. However, the description given in our bond is as follows, and I quote: "APACHE COUNTY: Township 19N 26E, Township 18N 26E, Township 17N 26E, Township 17N 25E."

If the two sections lie in the described boundaries stated in the bond, it is covered. However, I have no way of knowing whether or not these two sections are actually in the covered territory.

For your information we are enclosing a photostatic copy of our bond which may help you in the information you seek. If we can be of any further help, please advise.

Very truly yours,

C. Holman Bond Underwriter

dsa/enc.

Phoenix 1 (10-56)

cc: Apache Drilling Company Marlar, Johnson & Allen Clyde E. Douglas, Attorney-at-Law

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Permit No.

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November 8, 1965

Mr. C. T. Henderson 3311 W. Camelback Rd. Phoenix, Arisona

Re: Ram Oil Co. #1-14 State well SW/4SW/4 14-19N-26B, Apache County Our File 167

Dear Mr. Henderson:

Ram Oil Company's bonding company has contacted this office. They are desirous of completing all operations and obligations under Ram's bond.

If you desire to take over the captioned well, it will have to be under your bond by December 15, 1965. If we do not have a statement assuring responsibility for this well from your bonding company by that date, we will have to order it plugged.

We would appreciate your letting us know whatever action you take.

Very truly yours,

John Bannister Executive Secretary mr

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Southwest Casualty Insurance Co. Page 2 November 4, 1965

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In addition, a piece of four-inch pipe must be set in the surface plug of each well, which pipe must protrude a minimum of four feet above the surface of the earth and contain the following information welded to the pipe:

- (a) name of well
- (b) quarter-quarter location
- (c) permit number

Upon completion of these plugging programs, a Plugging Record must be filed with this Commission as evidence of the completion of the outlined programs.

As indicated in this Commission's letter of September 2, 1965 to you, the Ram Oil Company #1 Sierra Bonita well has been accepted by the Sierra Bonita Ranch as a water well, thus relieving Ram Oil Company of any further responsibility concerning this well.

We are holding any action on the Ram Oil Co. #1 State well (our File 159) pending word from a man who will let us know by December 15, 1965 whether or not he will take this well for a water well.

We are also holding action on the Ram Oil Co. #1-14 well (our File 167) pending agreement by the current oil and gas lessor to assume responsibility for this well.

We will of course inform you if any plugging action will be required on these wells.

The Ram Oil Company #1A-14 State well (our File 177) has been completed and all information has been filed in accordance withour Rules and Regulations. Consequently no further action is required.

The outlined plugging programs should be conducted as soon as feasibly possible. Should you have any questions concerning this action of the Commission, will you please advise. We will be glad to help you in all ways possible.

Very truly yours,

J.R. Scurlock Petroleum Geologist mr 61

SAMUEL P. GODDARD GOVERNOR

LYNN LOCKHART CHAIRMAN

R. KEITH WALDEN VICE CHAIRMAN ORME LEWIS

LUCIEN B. OWENS

GEORGE T. SILER MEMBER

Oil and Gas Conservation Commission

STATE OF ARIZONA

ROOM 202 1624 WEST ADAMS

Phoenix, Arizona 85007

PHONE: 271-5161

November 4, 1965

Southwest Casualty Insurance Company 758 E. McDowell Road Phoenix, Arizona

Re: Your Bond 2857

Ram Oil Co. #1-9 Hortenstine well SW/4NE/4 9-19N-26E, Apache County, Arizona Our File 178

Ram Oil Co. #1-5 Hortenstine well SW/4NE/4 5-19N-26E, Apache County, Arizona Our File 196

#### Gentlemen:

The captioned bond was issued to cover statewide drilling operations of the Ram Oil Company, including the captioned wells.

Inasmuch as these captioned wells have not been completed in accordance with our Rules and Regulations, we order that these wells be plugged as indicated below.

### Ram Oil Co. #1-5 Hortenstine well

Our records show that this well was drilled in 1963 to a total depth of 948 feet. Four and one-half inch casing was set to 864 feet and cemented with thirty sacks.

A 50-foot cement plug should be set from 948 feet to 850 feet, or the lowest possible depth, and a 20-foot cement surface plug should be set.

## Ram Oil Co. #1-9 Hortenstine well

This well was also drilled in 1963 to a total depth of 993 feet. Four and one-half inch casing was set at 932 feet with 100 sacks of cement.

This well should be plugged with a 50-foot cement plug from the bottom. A 20-foot cement plug should be set at the sur-

JOHN BANNISTER EXECUTIVE SECRETARY J. R. SCURLOCK PETROLEUM GEOLOGIST

November 4, 1965

Oil & Gas Conservation Commission State of Arizona, Room 202, 1624 W. Adams, Phoenix, Arizona 85007

> Re: State Oil & Gas Leases 6062, 6063 and 6064, Section 14, Township 19 North, Range 26 East, Apache County, Arizona.

Dear Mr. Bannister:

Pursuant to your recent correspondence and personal conferences, I hereby confirm my willingness to assume responsibility for the production from the well on the captioned property and will furnish to you the necessary bond on this well.

As a matter of fact, under the state-wide bond of Apache Drilling Company, the bonding company does cover this well, but they have arranged to cover this specifically.

I trust that this will satisfy your requirements with reference to this matter but if there is anything else you need, please advise.

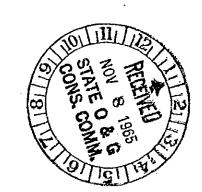
Very truly yours,

C. Luitt Henduson

CTH:h

C. Truitt Henderson

#167



October 15, 1965

Mr. Clyde Emmett Douglas
Attorney at Law
1260 Del Webb's Townehouse
100 West Clarendon
Phoenix, Artzone 85002

Ru: Mr. C.T. Henderson, Lessee State Oil and Gas Lesses 6062, 6063, and 6064 Soction 14, Township 19 North, Range 26 East, Apache County

Dear Mr. Douglass

This will acknowledge receipt of your letter of October 12, 1965, concerning Hr. Henderson's rights under the captioned leases.

The official position of this Commission is that Ram Oil Company is responsible for the condition of the wells drilled by or under it on these leases. Consequently this Commission is looking to ken Oil Company for performence under our Rules and Regulations.

To the best of our knowledge, Ram Oil Company is now a non-operating company, and consequently this Commission will look to Ram Oil Company's bonding company for the proper plugging and abandoning of those wells.

While the Commission realises that Mr. C.T. Henderson is the lesses of record on some of the lesses upon which Rem Oil Company has drilled, we still must look to Rem and its bond for performance.

Mr. Henderson specifically requested a statement of the position of this Commission as to the Ram Oil Company \$1-14 State well, located in the southwest quarter of the southwest quarter of Section 14. Township 19 North, Range 26East, Apache County (our File 167). Inasmuch as this well was drilled by Ram Oil Company, this Commission looks to them to see that this well is plugged and abandoned. This of course will be done through the bonding company.

Inasmuch as Mr. Henderson has expressed an interest in this well,

W

Mr. Clyde Emmett Douglas

Page 2

October 15, 1965

we have advised him that we will not order this well plugged and abandoned if he will assume responsibility for the takeover of this well in its present condition and will furnish this Commission with a letter from his bonding company specifically placing this well under his state-wide bond. This must be done in order that the Commission be afforded protection for the compliance with its Rules and Regulations as to this well.

Should you have any further questions, would you please advise. Yours very truly,

John Bannister Executive Secretary

cc: State Land Department, Attention Mr. F.C. Ryan

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CLYDE EMMETT DOUGLAS

ATTORNEY AT LAW

SUITE 1260 DEL WEBB'S TOWNEHOUSE

100 WEST CLARENDON

PHOENIX, ARIZONA 85002

October 12, 1965

Mr. John Bannister, State of Arizona Land Department, Oil and Gas Commission, State Office Building, Phoenix, Arizona.

> Re: C. T. Henderson, Lessee under Oil and Gas Leases No. 6062, 6063 and 6064, on Section 14, Township 19 North, Range 26 East, Apache County, State of Arizona.

AREA CODE 602

#### Gentlemen:

The writer is the attorney for Mr. C. T. Henderson, who advises that your office has informed him that you consider Mr. Henderson to be the sole responsible party with reference to the above leases and well on Section 14 aforesaid, inasmuch as Ram Oil Company is apparently defunct.

By reason of a contract entered into between C. T. Henderson and Ram Oil Company in October of 1961, Ram Oil Company undertook to accomplish certain matters in reference to said Section 14. However, they are in default under the terms of the contract and Mr. Henderson desires to be informed as to the position of your office with reference to this Section and Ram Oil Company's performance in relation thereto so that he can determine what further action is incumbent upon him in regard to this Section 14.

Your response hereto at your earliest convenience would be most appreciated by Mr. Henderson.

Very truly yours,

Clyde E. Douglas

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C.T. Henderson visited the office today and advises that he will place the his blanket bond and will assume the responsibility.

To plug.

#167

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SAMUEL P. GODDARD GOVERNOR LYNN LOCKHART

CHAIRMAN

ORME LEWIS

LUCIEN B. OWENS MEMBER

GEORGE T. SILER MEMBER



OFFICE OF

Gil and Gas Conservation Commission

STATE OF ARIZONA

ROOM 202 1624 WEST ADAMS

Phoenix, Arizona 85007

PHONE: 271-5161

JOHN BANNISTER EXECUTIVE SECRETARY J. R. SCURLOCK TROLEUM GEOLOGIST

September 2, 1965

Southwest Casualty Insurance Company 758 E. McDowell Road Phoenix, Arizona

Re: Your Bond 2857 in the amount of \$10,000 Principal, Ram Oil Company

As you are aware, the captioned bond has been posted with this Commission as both a penalty and performance bond.

We are enclosing a copy of a letter of this date to Mr. Maynard Davies, Ram Oil Company, concerning outstanding obligations for five wells drilled under this bond.

In addition to the five wells mentioned in the attached letter, Ram Oil Company has also drilled under this captioned bond the Ram Oil Co. #1 Sierra Bonita Fee well, located SE SE 2-115-22E, Graham County, our Permit 249. Presently this well has been plugged back to a total depth of 500 feet and indications are that the owner of the Sierra Bonita Ranch has taken this well as a water well.

At such time as a letter indicating the intent of the to accept the well as a water well and the necessary Well Completion Report has been filed with this office, obligation of Ram Oil Company and of your company as surety will terminate as to this well.

This office feels that in view of the fact there is a potential loss to your company as to the plugging requirements of at least the five wells mentioned in the attached letter, that you should be put on notice concerning Ram Oil Company's obligations.

Should you have any questions, will you please advise.

Yours very truly,

John Bannister Executive Secretary

SAMUEL F. GODDARD GOVERNOR

> LYNN LOCKHART CHAIRMAN

R. KEITH WALDEN VICE CHAIRMAN

ORME LEWIS MEMBER LUCIEN B. OWENS MEMBER

MEMBER
GEORGE T. SILER
MEMBER

OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

ROOM 202

1624 WEST ADAMS Plyvenix, Arizona 85007

PHONE: 271-5161

JOHN BANNISTER EXECUTIVE SECRETARY

J. R. SCURLOCK PETROLEUM GEOLOGIST

September 2, 1965

Mr. Maynard Davies, President Ram Oil Company 330 W. Medlock Drive Phoenix, Arizona

Dear Mr. Davies:

We have reviewed the wells drilled by Ram Oil Company in this State and find that the situation is as follows:

Ram Oil Co. #1 State well SE SE 29-11N-31E, Apache County Permit 159

On January 25, 1963 we were advised that drilling operations had been temporarily suspended pending a temperature survey. Since this date no further work has been done, to our knowledge, on this well.

Apparently this well has been capped but not plugged. Consequently, at your earliest convenience, this well must be plugged in accordance with our Rules and Regulations. The necessary Application to Plug, Plugging Record, and Well Completion Report forms are enclosed for your convenience. These, together with copies of all logs taken should be filed with this office.

Ram Oil Co. #1-14 State well SW SW 14-19N-26E, Apache County Permit 167

There is some indication in our files that this well had an initial potential of 86MCF per day. However, no further evidence of activity on this well is in our file.

Consequently, this well should be plugged. The necessary Application to Plug, Plugging Record, Well Completion Report, together with the copies of logs, should be filed with this office.

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Mr. Majnard Davies

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Page 2

September 2, 1965

Ram Oil Co. #1A-14 State well SW SW 14-19N-26E, Apache County Permit 177

The Plugging Report has been filed on this well. However, we need the Well Completion Report and copies of any logs taken.

Ram Oil Co. #1-9 Hortenstine well SW NE 9-19N-26E Apache County Permit 178

Our file indicates that this well was abandoned on December 31, 1963. Copies of logs have been filed.

We need an Application to Plug, the Plugging Record, and Well Completion Report.

Ram Oil Co. #1-5 Hortenstine well SW NE 5-19N-26E, Apache County Permit 196

The last report our file has on this well is a letter dated January 25, 1963, wherein it was indicated that Ram Oil Company was preparing to frac this well. We have no further indication of work on this well.

We need an Application to Plug, the Plugging Record, and the Well Completion Report. Logs have been filed.

As you are aware, our Rules and Regulations provide that when work has been suspended on a well for a period of sixty days, the well must be plugged and abandoned unless written consent has been obtained from this office. In none of the above cited cases have indications of additional work, nor requests for extension of time, been filed with this office.

Consequently, we ask that all the above requirements be met as soon as possible.

As you are aware, all of the above wells are bonded under Southwest Casualty Company's bond 2857.

If this office may assist you in this work in any way, will you please advise. Your prompt cooperation will be appreciated.

Yours very truly,

John Bannister Executive Secretary mr enc 16

January 22, 1965

Hemo: To Vila

Re: Ram Oil Company

Hr. Sitver, Actorney representing Kramer & Franco, CPA firm, telephoned.

Judgment had been won by Kramer & Franco for unpaid face against Ram Oil Company. Hr. Sitver requested and was furnished well location information.

Mr. Begnister explained that the lease Rem is now drilling on is in escrow and at this time is not under their control. Mr. Bennister also advised of the lieu filed in Safes good against casing.

Mr. Siever will keep this office informed of any action taken.

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August 28, 1964

Mr. Maynard J. Davies Managing Director Ram Oil Company 330 West Medlock Drive Phoenix, Arizona

RE: File No.'s 159, 167, 177, 178, 196 and 249

Dear Mr. Davies:

As mentioned in our telephone conversation of August 27, 1964, I have reviewed the files of the above referenced permits issued to the Ram Oil Company. Listed below please find the information that these files now show and a brief summary of what forms are required to put Ram Oil Company on a current and operating status.

File #159

Ram Oil Company State #1 Sec. 29 Twp. 11N R. 31E Apache, County

This file contains no information other than the original date of issue of the permit. Form #25, Sundry Notice is required.

File #167

Ram Oil Company State #1-14 Sec. 14 Twp. 19N R. 26E Apache, County

Pile indicates that this well is a shut-in gas well await-ing pipeline connections. Form #25, Sundry Notice is required.

File #177

Ram Oil Company State #1A-14 Stratographic Test Sec. 14 Twp. 19N R. 26E Apache, County

(Cont'd)

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(Page 2, Continued)

This file indicates that this test has been plugged and abandoned. Form #4, Completion Report is required.

File #178

Ram Oil Company Hortenstine #1-9 Sec. 9 Twp. 19N R. 26E Apache, County

This file indicates that we have no information other than the original issuance date for the permit. Form #25, Sundry Notice is required.

File #196

Ram Oil Company Hortenstine #1-5 Sec. 5 Twp. 19N R. 26E Apache, County

This file contains no information other than the original date of the issuance of the permit. Form #25, Sundry Notice is required.

File #249

Ram Oil Company Sierra Bonita Fee #1 Sec. 2 Twp. 118 R. 22E Graham, County

A sixty (60) day shut down extension was granted on this well on July 23, 1964.

I hope that this information brings you up to date and if I may be of further assistance to you, will you please advise.

Very truly yours,

Bill Cooper Records Section

cc/Files Enclosure

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PAUL PARMEN GOVERNOR

A. KEITH WALDEN

LYNN LOCKHART

CHARLES KALL, M.B.

ROBERT B. KEWARR

ORNE LEWIS

OFFICE OF

## Gil and Cas Conservation Commission

STATE OF ARIZONA

ROOM-RES 1644 WEST ABADE

Special 7, Arianus 271-8101

December 27, 1963

Mr. Donald Hornecker Secretary-Treasurer Ram Oil Company 2727 North Central Avenue, Suite 414 Phoenix, 'Arizona

Re: Blanket Drilling Bond No. 2857, \$10,000.00 Southwest Casualty Insurance Company of Fayetteville, Arkansas

Dear Mr. Hornecker:

This is to advise that above referenced bond has been accepted by this Commission to satisfy A.R.S. 27-516 and other Commission requirements to supersede Blanket Bond No. \$19969 of the Security Insurance Company of New Haven, Connecticut which was cancelled October 30, 1963.

Very truly yours,

John K. Petty Acting Executive Secretary

## JKP:MKC

Cc: Ms. Janeth M. Klingler Western States General Agency P. O. Box 5195 Phoenix, Arizona

Co: Woodland Insurance Agency, Inc. P. O. Box 10235 Phoenix, Arizona

Files: 1. Ram Oil Company - State No. 1 - SE SE Sec 29-T11N-R31E Apache County

2. Ram Oil Company - Hortenstine #1 - Sec 9-T19N-R26E, Apache 3. Ram Oil Company & Hortenstine #1-5 - SW NE Sec 5-T19N-R26E

Apache County

4. Ram Oil Company - State #1 - 14 - SW SW Sec 14-T19N-R26E

Apache County

5. Ram Oil Company - Ram-Sierra Bonita Fee #1 - Sec 2-TllS-R22E, Graham County

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RAM OIL #1, STATE, SW/4 Sec. 14 T19N-R26E., Pinta Dome Field 1P 86,000 CFGPD from shinarump at 773-803. Shut in Helium Well. Apache County 10-1962

The Madella Car and Consultation

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The second secon

April 20, 1962

Mr. D. A. Jerome, Executive Secretary Oil and Gas Conservation Commission 3500 North Central Avenue Phoenix 12, Arizona

Dear Mr. Jerome:

The status on our wells is as follows:

Section 14, T19N, R26E - complete capped waiting market.

Section 19, T19N, R26E - one more zone to frac before completion.

Section 29, T11N, R31E - running production string of pipe.

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Yours very truly,

RAM OIL COMPANY

Carl L. Booth Secretary-Treasurer

CLB: hme

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PRACTURING SERVICE CONTRACT

ATTACH TO FRACTURING TICKET NO.

FORM. 111244 PRINTED IN U.S.A.

DATE 3 - 62

TO: HALLIBURTON COMPANY:

To: HALLIBURTON COMPANY:

You are hereby requested to furnish equipment and servicemen to deliver and operate the same as an independent contractor for:

Well Owner or Contractor)

and deliver and sell motorials for the purpose of treating with Fracturing Service.

TYPE OF JOB: Well owner and are customer unless caused by its will full negligence, this provision applying but not limited to subsordise demages and surface demages from substracted demage. Well owner and or customer unless caused by its will full negligence, this provision applying but not limited to subsordise demage and surface demages and surface demages. Or property damage or since demage is a customer whole the responsible for and secure Holliburdon. Company spatial many. If sequence of the subsordise demage is a subsordise demage is a subsordise demage. Or property damage or since demage is a surface and secure Holliburdon. Company spatial many. If sequence or instruments unless however, such loss or damage is caused by the negligence of Holliburdon. Company a spatial many. If sequence or instruments unless however, such loss or damage is caused by the negligence of Holliburdon. Company a squarantee of the effectiveness of the maintenance of the stream of the property of such equipment or instruments unless however, such loss or damage is caused by the negligence of Holliburdon. Company and the view for the results of treatment, and (d) that you will not be bound by any representation or agreement and break continued. It is understood you will pay wages (and payroll toxes and with holding therean) and cemply with workness. It compensations to be secretary forms.

This contract must be signed before work is commenced.

Real Dariel Operator or Contractor By. All Dariel Operator or Contractor By.

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**CUSTOMER'S COPY** 

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ARE COTOMES CONSTRUCTION    Apacho   Arisona	PEA NO	lliburton COMPANY			TICKE		No. 60	7477 <b>K</b>
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CONTENTS    Content   Cont	RIL NO. AND FARM							Arizona .
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We certify that the Fair Lebor Stand and Act of 1938, as amended, has been complied with in the production of	We certify that the Fair Lobor Stand and Act of 1938 as amended, has been considered with a the production of	SERVICE CHARGE			eel .	UNITS		
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is in understood and agreed that that before Company will not be bound by any changes or modifications in the above terms and conditions unless authorized  TAX  TOTAL  TOTAL  TOTAL	It is understood and agreed that that but by one of the executive officers in writing	tion. Campury will not be bound by any changes or models	ications in the above. Fermi sod	(conditions enless o	authorized		<del></del>	175 7

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and to enable us to keep our stand	ard of service up t	to the highest point.  Was job satis-		PR. BEF.	QTY.		SCHPTION	510	<u>"</u>
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## SCHLUMBERGER WELL SURVEYING CORPORATION

"Electrical Well Logging"

HOUSTON, TEXAS

PLEASE REPLY 10

SCHLUMBERGER WELL SURVEYING CORP.
P.O. BOX 995

FARMINGTON, NEW MEXICO

167

Very truly yours,

SCHLUMBERGER WELL SURVEYING CORP.

RAM OIL COMPANY 3518 N. 24TH ST PHOENIX, ARIZONA		DATE MARCH 2, 1962
ear Sir:	r your business and hope your prints of the	ou will contact us on either service or inters  STATE 1-14  Field WILDCAT
	are being sent to:	, I to the second secon
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The film is BEING	G MAILED UNDER SEPE	

We are looking forward to serving you on your next well.

RAM OIL COMPANY

Hole # State # 1-14

We were unable to reduce this log to 1'= 20' in Grants. A reduced log should be received by you in a day or so, as it was necessary to make the reduction in our Tulsa office. We could have run the log on a 1:20 scale; however our operator was not so instructed.

W. A. Linton

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THE ATTENDED TO THE PARTY OF TH

2242 E. Seneca

Telephone 6-0317

Loren I. Buck Petroleum Geologist TUCSON, ARIZONA

December 18,1961

Recieved of RAM OIL COMPANY\$135.00 for services , two days well-sitting, and car milage and meals, on well section 14, twp19, range 26 east.

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17, range 26 east.

Paid By Cheek

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SURVEYING AND MAPPING

• ENGINEERING

PLANNING

DECEMBER 7, 1961

RAM OIL COMPANY 3518 NORTH 24TH STREET PHOENIX, ARIZONA

ATTN: MR. RHODES

GENTLEMEN:

IN ACCORDANCE WITH YOUR TELEPHONE REQUEST, WE DETERMINED THE GROUND ELEVATION OF THE FOLLOWING WELLS:

- A. WELL LOCATION IN SW  $\frac{1}{4}$  of Sec. 14, T19N, R26E, ELEV. = 5760 FT (ARIZONA)
- B. WELL LOCATION IN SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Sec. 29, T11N, R31E, ELEV. = 7124 FT. (ARIZONA)

I HOPE THE ABOVE WORK IS SATISFACTORY. WE APPRECIATE THIS OPPORTUNITY TO BE OF SERVICE TO YOU.

VERY TRULY YOURS,

Elme M. Clark

ELMER M. CLARK

EMC:LA

ANSAS BLUE PRINT CO. INC. Island Township Plat  $C_3$ 

Datum - Top Coconino Sandstone Contour Interval = 20 Date 11-14-61

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3022 East Fitst Street

Telephone EA 6-0317

Loren J. Buck
Petroleum Geologist

Petroleum Geologist
TUCSON, ARIZONA

November 20, 1961

Ram Oil Company 3518 N. 24th Street Phoenix, Arizona

Attention: Mr. A. J. Rhoads

Re: Ram Oil Company
State #1-14
Sec. 14-19N-26E
Apache County, Arizona

Dear Mr. Rhoads:

I am enclosing a plotted copy of the log of Ram Oil Company's test, State #1 - 1h as I found it in the samples. Also enclosed are two typewritten copies of the sample log, a subsurface map of the area contoured on the top of the Coconino Sandstone; and my statement for services rendered.

I will be anxious to hear how your test of the Conglomerate section responded. On the subsurface map enclosed you will note that I have made a few changes from the one sketched while in Navajo. I can see no reason why your test should not run high on the Coconino Sandstone. By projecting downward from the top of the Conglomerate section, I expect the top of the Coconino at approximately 925¹. If this is anywhere near the top of the Coconino, I believe that the sand will be above water and you should find good dry gas.

Yours very truly,

Lorent Bucks

Loren I. Buck

LIB/s Enclosures

November 16, 1961

Ram Oil Company 3518 N. 24th Street Phoenix 16, Arizona

Attention: Mr. Carl L. Booth

Re: Ram Oil #1-14 State, Sec.14, T19N, R26E, Apache Co.

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## Gentlemen:

Enclosed is your approved copy of Notice of Intention to Drill New Well on the above described test.

Also attached is your receipt in the amount of \$25.00 for the permit fee.

Good luck on this and your other ventures.

Yours very truly,

Brooks Pierce Petroleum Geologist

by Helen M. Eremie secretary

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November 8, 1961

Mr. R. Keith Walden Farmers Investment Company 288 South Stome Street Tucson, Arizona

Re: Ram Oil Co #1 State - 14 - Sec. 14, T19N, R26 E, Apache Co. E.B.La Rue, Jr. #1 Toh-Atin, Sec. 22, T41N, R29 E, Apache Co.

Dear Keith:

Enclosed are Forms OG 51 for the above described tests. Will you please indicate your approval and return these forms to our office.

Although I am forwarding to you the E. B. La Rue, Jr. notice, we have not as yet received his check in the amount of \$25.00 for the permit fee. We feel this is an oversight only and I am writing him today requesting this sum by return mail. Since this is the third test in their drilling program, I think it is perfectly safe to go ahead and to approve this permit. We will, of course, hold off sending him his approved copy until the check is received from him.

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Yours very truly

Brooks Pierce Petroleum Geologist

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